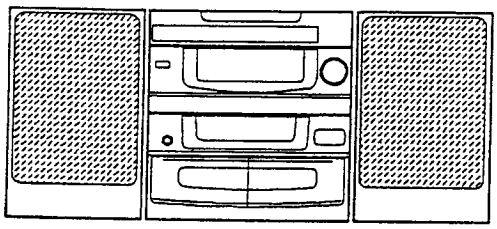
aiwa

AIWA-01597

aiwa SERVICE

Z-1800



COMPACT DISC STEREO
CASSETTE RECEIVER

- BASIC TAPE MECHANISM: 2ZM-3 PR6N
- BASIC CD MECHANISM: 4ZG-1S DFR
- TYPE. HR.EE.K.EEZ

SERVICE MANUAL

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk

S/M Code No. 09-957-108-60T

TABLE OF CONTENTS

SPECIFICATIONS 3

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING 4

PRECAUTION TO REPLACE OPTICAL BLOCK 4

ELECTRICAL MAIN PARTS LIST,TRANSISTOR ILLUSTRATION ..... 5～10

WIRING-1(MAIN:HR) 11,12

SCHEMATIC DIAGRAM-1(MAIN:HR) ..... 13～15

SCHEMATIC DIAGRAM-2(MAIN:EE,K,EEZ) ..... 16～18

WIRING-2(MAIN:EE,K,EEZ) 19,20

WIRING-3(FRONT) 21,22

SCHEMATIC DIAGRAM-3(FRONT) ..... 23～25

FL GRID ASSIGNMENT/ANODE CONNECTION 26

SCHEMATIC DIAGRAM-4(VOLUME) 27,28

WIRING-4(POWER/VOLUME) ..... 29～30

WIRING-5(DECK) 31,32

IC BLOCK DIAGRAM ..... 33～35

IC DESCRIPTION 36,37

BLOCK DIAGRAM-1(TUNER:HR) 38

BLOCK DIAGRAM-2(MAIN/FRONT) 39,40

BLOCK DIAGRAM-3(TUNER:EE,K.EEZ) 41

ELECTRICAL ADJUSTMENT ..... 42～47

PRACTICAL SERVICE FIGURE 48

MECHANICAL EXPLODED VIEW 1/1 49,50

MECHANICAL PARTS LIST 1/1 51

TAPE MECHANISM EXPLODED VIEW 1/1 52,53

TAPE MECHANISM PARTS LIST 1/1 54

SPRING APPLICATION POSITION 55

SPEAKER EXPLODED VIEW 1/1,SPEAKER PARTS LIST 1/1 56

ACCESSORIES / PACKAGE LIST 57

REFERENCE NAME LIST 58

SPECIFICATIONS

Main unit CX-Z1800

<FM tuner section>

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity(IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

<MW (AM) tuner section>

Tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
Usable sensitivity	350 µV/m
Antenna	Loop antenna

<LW tuner section> EE, K, EEZ, ONLY

Tuning range	144 kHz to 290 kHz
Usable sensitivity	1000 µV/m
Antenna	Loop antenna

<Amplifier section>

HR MODEL

Power output	Reference: 100 W + 100 W (6 ohms, T.H.D. 10 %, 1 kHz/without connecting to the SURROUND SPEAKERS) Rated: 80 W + 80 W (6 ohms, T.H.D. 1 %, 1 kHz without connecting to the SURROUND SPEAKERS)
Total harmonic distortion	0.1 % (50 W, 1 kHz, 6 ohms)

EE, K, EEZ, MODELS

Power output	Reference: 100 W + 100 W (6 ohms, T.H.D. 10 %, 1 kHz/DIN 45324/ without connecting to the SURROUND SPEAKERS) Rated: 80 W + 80 W (6 ohms, T.H.D. 1 %, 1 kHz/DIN 45500 without connecting to the SURROUND SPEAKERS) DIN MUSIC POWER: 125 W + 125 W (without connecting to the SURROUND SPEAKERS)
Total harmonic distortion	0.1 % (40 W, 1 kHz, 6 ohms)
Inputs	VIDEO/AUX: 150 mV (47 kohms with volume) PHONO: 250 mV (47 kohms) MIC 1, MIC 2: 2.2 mV (20 kohms)
Outputs	LINE OUT: 200 mV (47 kohms) SUPER WOOFER: HR: 2.4 V EE, K, EEZ: 2.2 V SPEAKERS: accepts speakers of 6 ohms or more SURROUND SPEAKERS: accepts speakers of 16 ohms or more PHONES (ø6.3 mm stereo jack): accepts headphones of 32 ohms or more CD DIGITAL OUT (OPTICAL)

Cassette deck section

Track format	4 tracks, 2 channels stereo
Frequency response	CrO_2 tape: 50 Hz – 16000 Hz Normal tape: 50 Hz – 15000 Hz
Signal-to-noise ratio	60 dB (Dolby B NR ON, CrO_2 tape peak level above 400 Hz)
Recording system	AC bias
Heads	DECK 1: Playback head × 1 DECK 2: Recording/playback/erase head × 1

Compact disc player section

Laser	Semiconductor laser (λ = 780 nm)
D-A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.03 % (1 kHz, 0 dB)
Wow and flutter	Unmeasurable

SPEAKER SYSTEM SX-FZ1800

Cabinet type	3 way, bass reflex with surround speaker (Magnetism sealed type)
Speaker	Woofer: 220 mm (8 3/4 in.) cone type Tweeter: 80 mm (2 3/8 in.) cone type Super tweeter: 50 mm (1 3/16 in.) ceramic type Surround speaker: 80 mm (3 1/4 in.)
Impedance	Front speaker: 6 ohms Surround speaker: 16 ohms
Output sound pressure level	90 dB/W/m
Dimensions (W × H × D)	260 × 434 × 280 mm (10 1/4 × 17 1/8 × 11 1/8 in.)
Weight	5.8 kg (12 lbs 14 oz.)

GENERAL

HR MODEL

Power requirements	120/220-230/240 V AC, switchable 50/60 Hz
Power consumption	120 W
Dimensions of main unit (W × H × D)	360 × 385 × 339.5 mm (14 1/4 × 15 1/4 × 13 3/8 in.)
Weight of main unit	9.5 kg (20 lbs 15 oz.)

EE, K, EEZ MODELS

Power requirements	230 V AC, 50 Hz
Power consumption	560 W
Dimensions of main unit (W × H × D)	360 × 385 × 340.5 mm (14 1/4 × 15 1/4 × 13 1/2 in.)
Weight of main unit	9.5 kg (20 lbs 15 oz.)

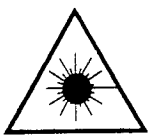
- Design and specifications are subject to change witl notice.
- Dolby noise reduction manufactured under license fr Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol ⊡⊡ are trademarks of Dolby Laboratories Licensing Corporation.
- The word "BBE" and the "BBE symbol" are trademarks of BBE Sound, Inc. Under license from BBE Sound, Inc.

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!
WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!
Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

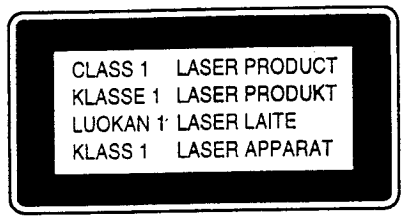
VARNING!
Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!
Usynlig laserstråling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

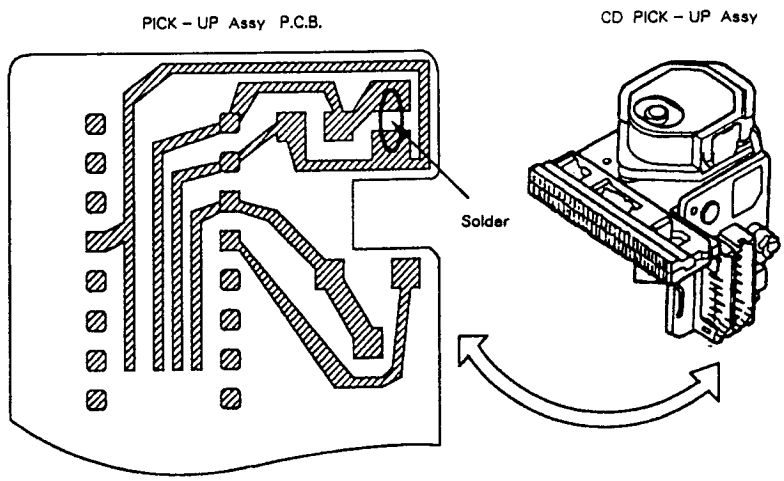
This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.



Precaution to replace Optical block (KSS-210A)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure to ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in the right figure.



ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	87-020-454-010		IC,DN6851
	85-MA2-613-010		IC,LC866432V-5828
	82-NE6-617-019		IC,GP1U581X
	87-017-374-019		IC,TC4094BP
	87-001-969-019		IC,STK4211-MK2<HR>
	87-001-902-019		IC,STK4221-MK2<EE,K,EEZ>
	87-070-232-019		IC,BA3834S
	87-070-121-010		IC,HA12185NT
	87-001-874-019		IC,HA12134A
	87-017-673-019		IC,BA3837
	87-017-022-089		IC,NJM2068M-D(TI)
	87-017-449-010		IC,XR-1071CP
	87-027-666-019		IC,TC4052BP
	87-070-184-040		IC,M65846FP-600D
	87-017-888-089		IC,NJM4558MD
	87-017-804-019		IC,BU4052BC
	87-070-127-019		IC,LC72131
	87-017-714-019		IC,LA1836
	87-001-530-019		IC,LA3607
	87-001-528-019		IC,LC7522
	87-017-675-080		IC,M65840FP<HR>
TRANSISTOR			
	87-026-463-080		TR,2SA933S
	89-324-121-089		C-TR,2SC2412K
	89-213-702-019		TR,2SB1370E
	89-109-352-089		TR,2SA935 Q
	87-026-226-089		C-TR,DTA143EK
	87-026-610-089		TR,KTC3198GR
	89-327-125-089		C-TR,2SC2712GR
	89-332-665-089		TR,2SC3266GR
	89-337-221-389		C-TR,2SC3722K(R/S/E)
	89-111-625-089		C-TR,2SA1162GR
	87-026-210-089		C-TR,DTC144EK T147
	87-026-211-089		C-TR,DTA144EK T147
	87-026-235-089		C-TR,DTC114EK
	89-109-521-089		TR,2SA952K
	89-333-266-089		C-TR,2SC3326B
	87-026-232-089		C-TR,DTA144WK
	87-026-658-010		FET,2SJ176
	89-510-940-010		FET,2SK1094
	89-322-405-089		TR,2SC2240GR
	89-503-655-689		FET,2SK365 GR,BL
	89-333-317-089		TR,2SC3331T
	89-327-126-089		C-TR,2SC2712BL<EE,K,EEZ>
	89-112-965-089		TR,2SA1296GR
	89-406-555-089		TR,2SD655E
	89-113-187-889		TR,2SA1318TU
	89-316-236-089		TR,2SC1623 L6
	87-026-214-089		TR,DTA114YS
	89-327-143-089		C-TR,2SC2714 (O)
	89-505-434-589		C-FET,2SK543(4/5)
DIODE			
	87-020-691-089		DIODE,1SS132T-72
	87-002-597-069		DIODE,DBF,60C-K13
	87-001-914-089		ZENER,UTZJ 6.2B
	87-070-136-089		ZENER,MTZJ5.1B
	87-020-331-089		C-DIODE,DAN202K
	87-017-978-089		DIODE,1N4003
	87-020-027-089		C-DIODE,1SS184
	87-020-125-089		C-DIODE,1SS181
	87-020-465-089		DIODE,1SS133
	87-017-174-089		ZENER,HZS11A3L
	87-017-146-089		ZENER,HZS30-2
	87-002-225-019		DIODE,DBF 40C-K10
	87-001-636-089		ZENER,HZS3C1
	87-001-290-089		ZENER,HZS6B1L
	87-001-559-089		DIODE,1SS131 (T-72)
	87-070-178-099		DIODE,1N5402-BD54
	87-001-408-089		DIODE,GP15B
	87-017-086-089		ZENER,HZS5A2
	87-020-584-089		C-ZENER,02CZ5.6Y
	87-027-332-089		ZENER,HZ6B1L
	87-020-339-089		C-DIODE,1SS226
	87-017-148-089		ZENER,HZS6A1L
MAIN C.B			
C101	87-010-453-099		CAP,ELECT 4700-25V SME
C102	87-010-453-099		CAP,ELECT 4700-25V SME
C104	87-010-235-089		CAP,E 470-16 SME
C105	87-010-381-089		CAP,E 330-16 SME
C106	87-046-285-019		CAP,E 47-100
C107	87-010-405-089		CAP,E 10-50 SME
C108	87-010-406-089		CAP,E 22-50 SME
C109	87-010-263-089		CAP,E 100-10 SME
C112	87-010-382-089		CAP,E 22-25 SME
C113	87-010-403-089		CAP,E 3.3-50 SME
C115	87-016-247-089		C-CAP,0.1-50 F
C116	87-012-140-089		C-CAP,S 470P-50 CH
C117	87-012-368-089		C-CAP,S 0.1-50F
C118	87-012-368-089		C-CAP,S 0.1-50F
C119	87-012-368-089		C-CAP,S 0.1-50F
C120	87-012-368-089		C-CAP,S 0.1-50F<EE,K,EEZ>
C121	87-012-368-089		C-CAP,S 0.1-50F<EE,K,EEZ>
C126	87-016-520-099		CAP,E 3300-65
C127	87-016-520-099		CAP,E 3300-65
C128	87-012-368-089		C-CAP S 0.1-50F
C129	87-012-368-089		C-CAP,S 0.1-50F
C130	87-012-368-089		C-CAP,S 0.1-50F
C131	87-012-368-089		C-CAP,S 0.1-50F
C152	87-010-260-089		CAP,E 47-25 SME
C201	87-010-197-089		C-CAP,S 0.01-25 B<EE,K,EEZ>
C202	87-018-211-089		CAP,TC-U 0.01-50<EE,K,EEZ>
C203	87-010-197-089		C-CAP,S 0.01-25 B<EE,K,EEZ>
C204	87-018-211-089		CAP,TC-U 0.01-50<EE,K,EEZ>
C213	87-010-401-089		CAP,E 1-50 SME
C214	87-010-401-089		CAP,E 1-50 SME
C215	87-010-184-089		C-CAP,S 3300P-50 B<HR>
C216	87-010-184-089		C-CAP,S 3300P-50 B<HR>
C217	87-010-404-089		CAP,E 4.7-50 SME
C218	87-010-404-089		CAP,E 4.7-50 SME
C219	87-010-188-089		C-CAP,S 6800P-50 B
C220	87-010-188-089		C-CAP,S 6800P-50 B
C221	87-010-400-089		CAP,E 0.47-50 SME
C222	87-010-400-089		CAP,E 0.47-50 SME
C223	87-010-260-089		CAP,E 47-25 SME
C224	87-010-260-089		CAP,E 47-25 SME<HR>
C225	87-010-260-089		CAP,E 47-25 SME
C226	87-010-260-089		CAP,E 47-25 SME
C227	87-018-209-089		CAP,TC-U 0.1-50 F
C228	87-018-209-089		CAP,TC-U 0.1-50 F
C231	87-010-196-089		C-CAP,S 0.1-25 F
C235	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C236	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C237	87-010-184-089		C-CAP,S 3300P-50 B<EE,K,EEZ>
C238	87-010-184-089		C-CAP,S 3300P-50 B<EE,K,EEZ>
C243	87-010-154-089		C-CAP,S 10P-50 CH
C244	87-015-879-089		C-CAP,10P CH
C245	87-018-208-089		CAP,TC-U 0.047-50 F
C250	87-010-197-089		C-CAP,S 0.01-25 B
C251	87-010-766-089		CAP,E 330-63
C297	87-010-404-089		CAP,E 4.7-50 SME
C298	87-010-404-089		CAP,E 4.7-50 SME

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C299	87-016-130-089		CAP,ELECT 47-25 KME<EE,K,EEZ>
C303	87-012-157-089		C-CAP,S 330P-50 CH
C304	87-012-157-089		C-CAP,S 330P-50 CH
C305	87-012-155-089		C-CAP,S 180P-50 CH
C306	87-012-155-089		C-CAP,S 180P-50 CH
C307	87-010-805-089		C-CAP,S 1-16F
C308	87-010-805-089		C-CAP,S 1-16F
C313	87-010-181-089		C-CAP,S 1800P-50 B
C314	87-010-181-089		C-CAP,S 1800P-50 B
C315	87-010-179-089		C-CAP,S 1200P-50 B
C316	87-010-179-089		C-CAP,S 1200P-50 B
C317	87-012-142-089		C-CAP,S 0.33-16 F
C318	87-010-955-089		C-CAP,0.33-16 R
C319	87-012-141-089		C-CAP,S 0.22-16 F
C320	87-012-141-089		C-CAP,S 0.22-16 F
C321	87-010-196-089		C-CAP,S 0.1-25 F
C322	87-010-196-089		C-CAP,S 0.1-25 F
C324	87-010-260-089		CAP,E 47-25 SME
C325	87-010-370-089		CAP,E 330-6.3 SME
C326	87-010-196-089		C-CAP,S 0.1-25 F
C332	87-010-196-089		C-CAP,S 0.1-25 F
C335	87-010-805-089		C-CAP,S 1-16F
C336	87-010-805-089		C-CAP,S 1-16F
C337	87-010-805-089		C-CAP,S 1-16F
C351	87-012-154-089		C-CAP,S 150P-50 CH
C352	87-012-154-089		C-CAP,S 150P-50 CH
C451	87-012-140-089		C-CAP,S 470P-50 CH
C452	87-012-140-089		C-CAP,S 470P-50 CH
C453	87-010-178-089		C-CAP,S 1000P-50 B
C454	87-010-178-089		C-CAP,S 1000P-50 B<EE,K,EEZ>
C455	87-010-178-089		C-CAP,S 1000P-50 B<EE,K,EEZ>
C456	87-010-260-089		CAP,E 47-25 SME
C457	87-010-197-089		C-CAP,S 0.01-25 B
C458	87-010-183-089		C-CAP,S 2700P-50 B
C459	87-010-183-089		C-CAP,S 2700P-50 B
C460	87-010-183-089		C-CAP,S 2700P-50 B
C470	87-010-196-089		C-CAP,S 0.1-25 F
C501	87-010-177-089		C-CAP,S 820P-50 SL
C502	87-010-177-089		C-CAP,S 820P-50 SL
C503	87-012-155-089		C-CAP,S 180P-50 CH
C504	87-012-155-089		C-CAP,S 180P-50 CH
C515	87-010-545-089		CAP,E 0.22-50 SME
C516	87-010-545-089		CAP,E 0.22-50 SME
C519	87-010-196-089		C-CAP,S 0.1-25 F
C521	87-010-197-089		C-CAP,S 0.01-25 B
C522	87-010-318-089		C-CAP,S 47P-50 CH
C523	87-010-197-089		C-CAP,S 0.01-25 B
C524	87-010-402-089		CAP,E 2.2-50 SME
C530	87-010-194-089		C-CAP,S 0.047-25 F
C531	87-010-545-089		CAP,E 0.22-50 SME
C532	87-010-382-089		CAP,E 22-25 SME
C533	87-010-404-089		CAP,E 4.7-50 SME
C534	87-010-404-089		CAP,E 4.7-50 SME
C535	87-010-404-089		CAP,E 4.7-50 SME
C536	87-010-404-089		CAP,E 4.7-50 SME
C537	87-018-209-089		CAP,TC-U 0.1-50 F
C538	87-010-384-089		CAP,E 100-25 SME
C539	87-012-142-089		C-CAP,S 0.33-16 F<HR>
C540	87-010-196-089		C-CAP,S 0.1-25 F
C541	87-010-196-089		C-CAP,S 0.1-25 F
C542	87-010-178-089		C-CAP,S 1000P-50 B<HR>
C543	87-010-544-089		CAP,E 0.1-50<EE,K,EEZ>
C543	87-010-546-089		CAP,E 0.33-50 SME<HR>
C544	87-010-544-089		CAP,E 0.1-50<EE,K,EEZ>
C544	87-010-546-089		CAP,E 0.33-50 SME<HR>
C547	87-010-213-089		C-CAP,S 0.015-50 B
C548	87-010-213-089		C-CAP,S 0.015-50 B
C549	87-018-209-089		CAP,TC-U 0.1-50 F
C550	87-010-183-089		C-CAP,S 2700P-50 B
C551	87-010-176-089		C-CAP,S 680P-50 SL
C552	87-010-176-089		C-CAP,S 680P-50 SL
C553	87-010-178-089		C-CAP,S 1000P-50 B<HR>
C553	87-010-182-089		C-CAP,S 2200P-50 B<EE,K,EEZ>
C554	87-010-182-089		C-CAP,S 2200P-50 B<EE,K,EEZ>
C555	87-012-358-089		C-CAP,S 0.47-10FZ
C556	87-012-358-089		C-CAP,S 0.47-10FZ
C597	87-010-404-089		CAP,E 4.7-50 SME
C598	87-010-404-089		CAP,E 4.7-50 SME
C601	87-010-401-089		CAP,E 1-50 SME
C602	87-010-405-089		CAP,E 10-50 SME
C603	87-010-101-089		CAP,E 220-16 SME
C605	87-010-178-089		C-CAP,S 1000P-50 B
C606	87-010-178-089		C-CAP,S 1000P-50 B
C607	87-010-404-089		CAP,E 4.7-50 SME
C608	87-010-404-089		CAP,E 4.7-50 SME
C609	87-010-404-089		CAP,E 4.7-50 SME
C610	87-010-404-089		CAP,E 4.7-50 SME
C611	87-010-177-089		C-CAP,S 820P-50 SL
C612	87-010-177-089		C-CAP,S 820P-50 SL
C613	87-010-404-089		CAP,E 4.7-50 SME
C614	87-010-404-089		CAP,E 4.7-50 SME
C615	87-010-400-089		CAP,E 0.47-50 SME
C616	87-010-400-089		CAP,E 0.47-50 SME
C617	87-010-197-089		C-CAP,S 0.01-25 B
C618	87-010-197-089		C-CAP,S 0.01-25 B
C619	87-010-184-089		C-CAP,S 3300P-50 B
C620	87-010-184-089		C-CAP,S 3300P-50 B
C621	87-012-155-089		C-CAP,S 180P-50 CH
C622	87-012-155-089		C-CAP,S 180P-50 CH
C623	87-010-405-089		CAP,E 10-50 SME
C624	87-010-405-089		CAP,E 10-50 SME
C627	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C628	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C630	87-010-405-089		CAP,E 10-50 SME
C631	87-010-401-089		CAP,E 1-50 SME
C641	87-010-196-089		C-CAP,S 0.1-25 F
C642	87-010-196-089		C-CAP,S 0.1-25 F
C653	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C654	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C701	87-010-381-089		CAP,E 330-16 SME
C702	87-010-404-089		CAP,E 4.7-50 SME
C703	87-010-197-089		C-CAP,S 0.01-25 B
C704	87-010-197-089		C-CAP,S 0.01-25 B
C711	87-010-263-089		CAP,E 100-10 SME
C712	87-010-196-089		C-CAP,S 0.1-25 F
C722	87-010-311-089		C-CAP,S 12P-50 CH
C722	87-010-180-089		C-CAP,S 1500P-50 B
C723	87-010-178-089		C-CAP,S 1000P-50 B
C725	87-010-178-089		C-CAP,S 1000P-50 B
C727	87-010-196-089		C-CAP,S 0.1-25 F
C728	87-010-248-089		CAP,E 220-10 SME
C732	87-018-134-089		CAP,TC-U 0.01-16 Y<EE,K,EEZ>
C770	87-010-405-089		CAP,E 10-50 SME
C771	87-010-405-089		CAP,E 10-50 SME
C772	87-010-194-089		C-CAP,S 0.047-25 F
C773	87-010-196-089		C-CAP,S 0.1-25 F
C774	87-010-263-089		CAP,E 100-10 SME
C775	87-010-405-089		CAP,E 10-50 SME
C776	87-010-197-089		C-CAP,S 0.01-25 B
C777	87-010-400-089		CAP,E 0.47-50 SME
C778	87-010-401-089		CAP,E 1-50 SME
C779	87-010-401-089		CAP,E 1-50 SME
C780	87-010-197-089		C-CAP,S 0.01-25 B
C781	87-010-405-089		CAP,E 10-50 SME
C782	87-010-405-089		CAP,E 10-50 SME
C787	87-010-184-089		C-CAP,S 3300P-50 B
C788	87-010-184-089		C-CAP,S 3300P-50 B
C789	87-010-179-089		C-CAP,S 1200P-50 B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C790	87-010-179-089		C-CAP,S 1200P-50 B
C791	87-010-401-089		CAP,E 1-50 SME
C792	87-010-180-089		C-CAP,S 1500P-50 B
C793	87-010-189-089		C-CAP,S 8200P-50 B
C794	87-010-408-089		CAP,E 47-50 SME
C795	87-010-194-089		C-CAP,S 0.047-25 F
C796	87-010-403-089		CAP,E 3.3-50 SME
C797	87-010-405-089		CAP,E 10-50 SME
C798	87-010-196-089		C-CAP,S 0.1-25 F
C814	87-010-197-089		C-CAP,S 0.01-25 B<HR>
C816	87-018-134-089		CAP,TC-U 0.01-16 Y<EE,K,EEZ>
C817	87-010-197-089		C-CAP,S 0.01-25 B
C818	87-010-197-089		C-CAP,S 0.01-25 B
C819	87-010-197-089		C-CAP,S 0.01-25 B
C820	87-010-260-089		CAP,E 47-25 SME
C821	87-010-197-089		C-CAP,S 0.01-25 B
C822	87-010-197-089		C-CAP,S 0.01-25 B
C823	87-010-197-089		C-CAP,S 0.01-25 B
C824	87-018-134-089		CAP,TC-U 0.01-16 Y<HR>
C824	87-018-209-089		CAP,TC-U 0.1-50 F<EE,K,EEZ>
C825	87-015-819-089		C-CAP,0.01
C826	87-010-196-089		C-CAP,S 0.1-25 F
C827	87-010-196-089		C-CAP,S 0.1-25 F
C828	87-018-134-089		CAP,TC-U 0.01-16 Y<EE,K,EEZ>
C829	87-018-134-089		CAP,TC-U 0.01-16 Y<EE,K,EEZ>
C830	87-015-819-089		C-CAP,0.01
C831	87-010-197-089		C-CAP,S 0.01-25 B
C835	87-010-197-089		C-CAP,S 0.01-25 B
C840	87-018-134-089		CAP,TC-U 0.01-16 Y<EE,K,EEZ>
C841	88-214-810-819		CAP,CER 0.01
C842	88-214-810-819		CAP,CER 0.01
C901	87-010-401-089		CAP,E 1-50 SME<HR>
C902	87-010-178-089		C-CAP,S 1000P-50 B<HR>
C903	87-010-178-089		C-CAP,S 1000P-50 B<HR>
C904	87-010-184-089		C-CAP,S 3300P-50 B<HR>
C905	87-010-177-089		C-CAP,S 820P-50 SL<HR>
C906	87-010-178-089		C-CAP,S 1000P-50 B<HR>
C907	87-010-185-089		C-CAP,S 3900P-50 B<HR>
C909	87-010-175-089		C-CAP,S 560P-50 SL<HR>
C910	87-010-176-089		C-CAP,S 680P-50 SL<HR>
C911	87-010-196-089		C-CAP,S 0.1-25 F<HR>
C918	87-010-186-089		C-CAP,S 4700P-50 B<HR>
C920	87-010-374-089		CAP,E 47-10<HR>
C921	87-010-263-089		CAP,E 100-10 SME<HR>
C922	87-010-196-089		C-CAP,S 0.1-25 F<HR>
C923	87-010-154-089		C-CAP,S 10P-50 CH<HR>
C924	87-010-154-089		C-CAP,S 10P-50 CH<HR>
C925	87-018-209-089		CAP,TC-U 0.1-50 F<HR>
C926	87-010-196-089		C-CAP,S 0.1-25 F<EE,K,EEZ>
C927	87-012-368-089		C-CAP,S 0.1-50F<HR>
C941	87-010-197-089		C-CAP,S 0.01-25 B<EE,K,EEZ>
C942	87-010-311-089		C-CAP,S 12P-50 CH<EE,K,EEZ>
C944	87-010-154-089		C-CAP,S 10P-50 CH<EE,K,EEZ>
C945	87-012-154-089		C-CAP,S 150P-50 CH<HR>
C945	87-014-050-089		CAP,PP 510P-100 J<EE,K,EEZ>
C947	87-010-401-089		CAP,E 1-50 SME
C948	87-010-196-089		C-CAP,S 0.1-25 F<EE,K,EEZ>
C949	87-010-197-089		C-CAP,S 0.01-25 B
C951	87-010-401-089		CAP,E 1-50 SME
C952	87-010-311-089		C-CAP,S 12P-50 CH<HR>
C983	87-010-544-089		CAP,E 0.1-50
C987	87-015-819-089		CHIP CAP 0.01
C988	87-016-247-089		C-CAP,0.1-50 F
C990	87-010-197-089		C-CAP,S 0.01-25 B
C993	87-010-197-089		C-CAP,S 0.01-25 B<EE,K,EEZ>
C995	87-010-197-089		C-CAP,S 0.01-25 B
CF801	87-008-423-019		CF,SFE10.7 MS3G-A<EE,K,EEZ>
CF801	87-008-261-019		FLTR,SFE10.7MA5-A<HR>
CF802	82-785-747-019		CF,MS2 GHY,R<EE,K,EEZ>
CF802	87-008-261-019		FLTR,SFE10.7MA5-A<HR>
FFE801	85-NF5-605-019		FE PACK 2 EX<HR>
FFE802	85-NF5-604-019		FE PACK 4(AL)<EE,K,EEZ>
J250	87-099-678-019		JACK,6.3 W/S BLK
J253	87-099-802-019		JACK,PIN 3P BRW
J254	87-033-227-019		TERMINAL,SP 4P R (Z)
J652	87-099-814-019		JACK,PIN 3P WWW
J653	87-099-813-019		JACK,PIN 3P RRR
J801	87-033-235-019		TERMINAL,ANT (H)<HR>
J801	87-033-230-019		TERMINAL,ANT AJ-2016<EE,K,EEZ>
L201	87-003-383-019		COIL,1UH-S<EE,K,EEZ>
L202	87-003-383-019		COIL,1UH-S<EE,K,EEZ>
L403	81-598-635-019		COIL,TRAP BIAS
L404	81-598-635-019		COIL,TRAP BIAS
L451	87-007-336-019		COIL,OSC 85K BIAS
L701	81-631-643-019		COIL,1 POLE MPX
L702	81-631-643-019		COIL,1 POLE MPX
L741	87-006-253-019		COIL,FM DET N
L742	82-NT1-659-019		FILTER,CFAZ-4502NT
L770	87-003-102-089		COIL,10UH
L832	87-003-098-089		COIL,2.2UH
L941	87-006-208-019		COIL,ANT LW<EE,K,EEZ>
L942	87-007-305-019		COIL,OSC LW S<EE,K,EEZ>
L981	81-MX4-620-019		AM PACK 3,S<HR>
L981	81-MX4-619-019		AM PACK 4<EE,K,EEZ>
R105	87-022-600-089		RES,M/F 0.1-2W J
R106	87-022-600-089		RES,M/F 0.1-2W J
R203	87-022-619-089		RES,M/F 0.47-3W J
R204	87-022-619-089		RES,M/F 0.47-3W J
R205	87-022-619-089		RES,M/F 0.47-3W J
R206	87-022-619-089		RES,M/F 0.47-3W J
RY101	87-045-361-019		RELAY,DH12D2-OS(M)-2
RY102	87-045-382-019		RELAY,OUAZ SH-112L
SFR5	87-024-175-089		SFR,47K DIA6 V
SFR6	87-024-175-089		SFR,47K DIA6 V
SFR301	87-024-174-089		SFR,33K DIA6 V
SFR302	87-024-174-089		SFR,33K DIA6 V
SFR303	87-024-174-089		SFR,33K DIA6 V
SFR304	87-024-174-089		SFR,33K DIA6 V
SFR451	87-024-175-089		SFR,47K DIA6 V
SFR452	87-024-175-089		SFR,47K DIA6 V
SFR722	87-024-170-089		SFR,3.3K DIA6 V
TC701	87-011-253-089		TRIMMER,30P LAR
TC942	87-011-253-089		TRIMMER,30P LAR<EE,K,EEZ>
VR651	82-NF5-660-019		VR 50K BX2 RK14K 12A
W101	85-MA1-617-019		F-CABEL,7P-2.5
X703	84-508-618-019		VIB,CER CSB 456 F/5
X721	87-030-163-019		VIB,XTAL 7.2MHZ(NDK)
X901	87-030-348-089		VIB,CER 16.0MHZ CST<HR>

FRONT C.B

C101	87-010-318-089		C-CAP,S 47P-50 CH
C102	87-010-317-089		C-CAP,S 39P-50 CH
C103	87-010-313-089		C-CAP,S 18P-50 CH
C104	87-012-140-089		C-CAP,S 470P-50 CH
C105	87-010-196-089		C-CAP,S 0.1-25 F
C106	87-010-498-049		CAP,E 10-16 GAS
C107	87-010-555-049		CAP,E 100-10 GAS
C108	87-010-494-049		CAP,E 1-50 GAS
C109	87-010-494-049		CAP,E 1-50 GAS
C110	87-010-248-049		CAP,E 220-10 SME
C111	87-010-805-089		C-CAP,S 1-16F
C112	87-010-196-089		C-CAP,S 0.1-25 F
C113	87-010-196-089		C-CAP,S 0.1-25 F
C201	87-010-281-049		CAP,E 22-35 5L
C202	87-010-281-049		CAP,E 22-35 5L
C203	87-010-560-049		CAP,E 10-50 GAS
C203	87-010-408-049		CAP-E 47-50 SME

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C204	87-010-197-089		C-CAP,S 0.01-25 B
C205	87-018-209-089		CAP,TC-U 0.1-50 F
C206	87-018-209-089		CAP,TC-U 0.1-50 F
C301	87-010-196-089		C-CAP,S 0.1-25 F
C302	87-010-196-089		C-CAP,S 0.1-25 F
C303	87-010-196-089		C-CAP,S 0.1-25 F
C304	87-010-196-089		C-CAP,S 0.1-25 F
C305	87-010-196-089		C-CAP,S 0.1-25 F
C306	87-012-140-089		C-CAP,S 470P-50 CH
C501	87-010-112-089		CAP,E 100-16
C603	87-010-196-089		C-CAP,S 0.1-25 F
C610	87-012-142-089		C-CAP,S 0.33-16 F
C701	87-010-196-089		C-CAP,S 0.1-25 F
C702	87-010-555-049		CAP,E 100-10 GAS
C703	87-010-151-089		C-CAP,S 7P-50 CH
C704	87-010-151-089		C-CAP,S 7P-50 CH
C705	87-010-197-089		C-CAP,S 0.01-25 B
C706	87-010-182-089		C-CAP,S 2200P-50 B
C707	87-010-956-089		C-CAP,S 0.068-25 B
C708	87-016-526-089		C-CAP,S 0.47-16 BK
C709	87-016-526-089		C-CAP,S 0.47-16 BK
C710	87-010-956-089		C-CAP,S 0.068-25 B
C711	87-010-197-089		C-CAP,S 0.01-25 B
C712	87-010-182-089		C-CAP,S 2200P-50 B
C713	87-010-497-049		CAP,E 4.7-35 GAS
C714	87-010-497-049		CAP,E 4.7-35 GAS
C715	87-010-555-049		CAP,E 100-10 GAS
C716	87-012-141-089		C-CAP,S 0.22-16 F
C717	87-010-196-089		C-CAP,S 0.1-25 F
C718	87-010-177-089		C-CAP,S 820P-50 SL
C719	87-010-426-089		C-CAP,S 0.012-25 B
C721	87-010-490-049		CAP,E 0.1-50 GAS
FL201	85-MA2-608-019		FL,BJ375GK
L201	87-003-149-089		COIL,47UH
L701	87-003-153-089		COIL,150UH LALO2
LED201	87-017-731-080		LED,SEL1510CM2
LED202	87-017-731-080		LED,SEL1510CM2
LED203	87-017-731-080		LED,SEL1510CM2
LED204	87-017-731-080		LED,SEL1510CM2
LED205	87-017-731-080		LED,SEL1510CM2
LED206	87-017-731-080		LED,SEL1510CM2
LED207	87-017-731-080		LED,SEL1510CM2
LED208	87-017-731-080		LED,SEL1510CM2
LED209	87-017-731-080		LED,SEL1510CM2
LED210	87-017-731-080		LED,SEL1510CM2
LED211	87-017-785-080		LED,SEL 4214S
LED212	87-017-785-080		LED,SEL 4214S
LED213	87-017-785-080		LED,SEL 4214S
LED214	87-017-785-080		LED,SEL 4214S
LED215	87-017-785-080		LED,SEL 4214S
LED216	87-017-297-080		LED,SEL1550CM TP7
LED217	87-017-297-080		LED,SEL1550CM TP7
LED218	87-017-297-080		LED,SEL1550CM TP7
LED219	87-017-297-080		LED,SEL1550CM TP7
LED220	87-017-297-080		LED,SEL1550CM TP7
LED221	87-017-297-080		LED,SEL1550CM TP7
LED222	87-017-731-080		LED,SEL1510CM2
LED223	87-017-731-080		LED,SEL1510CM2
LED224	87-070-270-010		LED,SEL1510CM2 LF34
LED225	87-070-300-010		LED,SEL1250SM LF34
LED226	87-070-270-010		LED,SEL1510CM2 LF34
LED227	87-070-270-010		LED,SEL1510CM2 LF34
LED228	87-070-300-010		LED,SEL1250SM LF34
LED229	87-070-270-010		LED,SEL1510CM2 LF34
LED701	87-017-785-080		LED,SEL 4214S
LED702	87-017-785-080		LED,SEL 4214S
LED703	87-017-785-080		LED,SEL 4214S
LED704	87-017-785-080		LED,SEL 4214S
LED705	87-017-785-080		LED,SEL 4214S
LED706	87-017-785-080		LED,SEL 4214S
LED707	87-017-785-080		LED,SEL 4214S
LED708	87-017-785-080		LED,SEL 4214S
LED709	87-017-731-080		LED,SEL1510CM2
LED710	87-017-731-080		LED,SEL1510CM2
S1	87-036-215-089		SW,TACT EVQ21404M<HR>
S2	87-036-215-089		SW,TACT EVQ21404M<HR>
S201	87-036-215-089		SW,TACT EVQ21404M
S202	87-036-215-089		SW,TACT EVQ21404M
S203	87-036-215-089		SW,TACT EVQ21404M
S204	87-036-215-089		SW,TACT EVQ21404M
S205	87-036-215-089		SW,TACT EVQ21404M
S206	87-036-215-089		SW,TACT EVQ21404M
S207	87-036-215-089		SW,TACT EVQ21404M
S208	87-036-215-089		SW,TACT EVQ21404M
S209	87-036-215-089		SW,TACT EVQ21404M
S210	87-036-215-089		SW,TACT EVQ21404M
S211	87-036-215-089		SW,TACT EVQ21404M
S212	87-036-215-089		SW,TACT EVQ21404M
S213	87-036-215-089		SW,TACT EVQ21404M
S214	87-036-215-089		SW,TACT EVQ21404M
S215	87-036-215-089		SW,TACT EVQ21404M
S216	87-036-215-089		SW,TACT EVQ21404M
S217	87-036-215-089		SW,TACT EVQ21404M
S218	87-036-215-089		SW,TACT EVQ21404M
S219	87-036-215-089		SW,TACT EVQ21404M
S220	87-036-215-089		SW,TACT EVQ21404M
S221	87-036-215-089		SW,TACT EVQ21404M
S222	87-036-215-089		SW,TACT EVQ21404M
S223	87-036-215-089		SW,TACT EVQ21404M
S224	87-036-215-089		SW,TACT EVQ21404M
S225	87-036-215-089		SW,TACT EVQ21404M
S226	87-036-215-089		SW,TACT EVQ21404M
S227	87-036-215-089		SW,TACT EVQ21404M
S228	87-036-397-089		SW,TACT SKQNAB
S229	87-036-397-089		SW,TACT SKQNAB
S230	87-036-397-089		SW,TACT SKQNAB
S231	87-036-397-089		SW,TACT SKQNAB
S232	87-036-397-089		SW,TACT SKQNAB
S233	87-036-215-089		SW,TACT EVQ21404M
VR601	85-MA2-605-019		VR,10KB
VR602	85-MA3-604-019		VR,20KA MIC
W102	82-NF7-670-019		CABLE FFC 6P-1.25
W103	85-MA2-618-019		CABLE FFC,13P-1.25
W104	85-MA2-602-019		CABLE,FFC 15P-1.25
W901	85-MA1-603-019		CABLE,FFC 12P-1.25
X101	87-030-376-089		VIB,CER CSA5.76MG200

VOL C.B

C701	87-010-402-089		CAP,E 2.2-50 SME
C702	87-010-402-089		CAP,E 2.2-50 SME
C703	87-010-322-089		C-CAP,S 100P-50 CH
C704	87-010-322-089		C-CAP,S 100P-50 CH
C705	87-016-073-089		CAP,E 1-50 FX
C706	87-016-073-089		CAP,E 1-50 FX
C707	87-010-805-089		C-CAP,S 1-16F
C708	87-010-805-089		C-CAP,S 1-16F
C709	87-010-403-089		CAP,E 3.3-50 SME
C710	87-010-403-089		CAP,E 3.3-50 SME
C711	87-010-322-089		C-CAP,S 100P-50 CH
C712	87-010-322-089		C-CAP,S 100P-50 CH
C713	87-010-318-089		C-CAP,S 47P-50 CH
C714	87-010-318-089		C-CAP,S 47P-50 CH
C715	87-010-401-089		CAP,E 1-50 SME
C716	87-010-401-089		CAP,E 1-50 SME
C717	87-010-381-089		CAP,E 330-16 SME
C718	87-015-692-089		CAP,E 0.22-50 7L
C719	87-015-696-089		CAP,E 2.2-50 7L
C720	87-010-401-089		CAP,E 1-50 SME

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Email:- enquiries@mauritron.co.uk

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C722	87-010-370-089		CAP,E 330-6.3 SME
C723	87-010-194-089		C-CAP,S 0.047-25 F
C724	87-010-194-089		C-CAP,S 0.047-25 F
C725	87-010-380-089		CAP,E 47-16 SME
C727	87-012-157-089		C-CAP,S 330P-50 CH
C728	87-012-157-089		C-CAP,S 330P-50 CH
C729	87-010-263-089		CAP,E 100-10 SME 5X11
C730	87-010-263-089		CAP,E 100-10 SME 5X11
C731	87-010-197-089		C-CAP,S 0.01-25 B
C732	87-010-197-089		C-CAP,S 0.01-25 B
C751	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C752	87-010-318-089		C-CAP,S 47P-50 CH<EE,K,EEZ>
C753	87-010-197-089		C-CAP,S 0.01-25 B<EE,K,EEZ>
C801	87-016-460-089		C-CAP,S 0.22-16 B
C802	87-016-460-089		C-CAP,S 0.22-16 B
C803	87-016-526-089		C-CAP,S 0.47-16 BK
C804	87-016-526-089		C-CAP,S 0.47-16 BK
C805	87-016-552-089		C-CAP,S 0.082-16 B K
C806	87-016-552-089		C-CAP,S 0.082-16 B K
C807	87-016-460-089		C-CAP,S 0.22-16 B
C808	87-016-460-089		C-CAP,S 0.22-16 B
C809	87-016-369-089		C-CAP,S 0.033-25 B K
C810	87-016-369-089		C-CAP,S 0.033-25 B K
C811	87-016-552-089		C-CAP,S 0.082-16 B K
C812	87-016-552-089		C-CAP,S 0.082-16 B K
C813	87-010-426-089		C-CAP,S 0.012-25 B
C814	87-010-426-089		C-CAP,S 0.012-25 B
C815	87-012-365-089		C-CAP,S 0.027-25V BK
C816	87-012-365-089		C-CAP,S 0.027-25V BK
C817	87-010-186-089		C-CAP,S 4700P-50 B
C818	87-010-186-089		C-CAP,S 4700P-50 B
C819	87-010-197-089		C-CAP,S 0.01-25 B
C820	87-010-197-089		C-CAP,S 0.01-25 B
C821	87-010-181-089		C-CAP,S 1800P-50 B
C822	87-010-181-089		C-CAP,S 1800P-50 B
C823	87-010-186-089		C-CAP,S 4700P-50 B
C824	87-010-186-089		C-CAP,S 4700P-50 B
C825	87-010-177-089		C-CAP,S 820P-50 SL
C826	87-010-177-089		C-CAP,S 820P-50 SL
C827	87-010-181-089		C-CAP,S 1800P-50 B
C828	87-010-181-089		C-CAP,S 1800P-50 B
C829	87-010-404-089		CAP,E 4.7-50 SME
C830	87-010-404-089		CAP,E 4.7-50 SME
C831	87-010-379-089		CAP,E 22-16 SME
C832	87-010-379-089		CAP,E 22-16 SME
C833	87-012-157-089		C-CAP,S 330P-50 CH
C834	87-012-157-089		C-CAP,S 330P-50 CH
C835	87-010-196-089		C-CAP,S 0.1-25 F
C836	87-010-101-089		CAP,E 220-16 SME
C837	87-010-805-089		C-CAP,S 1-16F
C838	87-010-101-089		CAP,E 220-16 SME
C840	87-010-101-089		CAP,E 220-16 SME
C851	87-010-197-089		C-CAP,S 0.01-25 B<EE,K,EEZ>
MVR701	84-MA1-712-019		VR,50KB*2 (M)
W902	85-MA1-602-019		CABLE,FFC 8P-1.25

JACK C.B

C601	87-010-677-089		CAP,E 0.15-50 7L
C602	87-012-154-089		C-CAP,S 150P-50 CH
C604	87-010-322-089		C-CAP,S 100P-50 CH
C605	87-012-157-089		C-CAP,S 330P-50 CH
C606	87-010-112-049		CAP,E 100-16
C607	87-010-494-049		CAP,E 1-50 GAS
C608	87-010-406-049		CAP,E 22-50 SME
C609	87-010-263-049		CAP,E 100-10
C611	87-010-494-049		CAP,E 1-50 GAS
C612	87-010-196-089		C-CAP,S 0.1-25 F
J601	87-099-659-019		JACK,6.3 JY-6314-01130
J602	87-099-659-019		JACK,6.3 JY-6314-01130

CD KEY C.B

C401	87-010-197-089		C-CAP,S 0.01-25 B
LED401	87-070-271-080		LED,SEL6215S TP1
LED402	87-070-271-080		LED,SEL6215S TP1
LED403	87-070-271-080		LED,SEL6215S TP1
S401	87-036-215-089		SW,TACT EVQ21404M
S402	87-036-215-089		SW,TACT EVQ21404M
S403	87-036-215-089		SW,TACT EVQ21404M
S404	87-036-215-089		SW,TACT EVQ21404M
S405	87-036-215-089		SW,TACT EVQ21404M
W401	85-MA2-604-019		F-CABLE,6P-2.0

AC-2 C.B

⚠	87-033-213-089		CLAMP FUSE SMK
⚠F102	87-035-369-019		FUSE,5A 250V TE
⚠F103	87-035-369-019		FUSE,5A 250V TE
⚠PT101	85-MA3-606-019		PT,5MA-3 HE<HR>
⚠PT101	85-MA3-608-019		PT,5MA-3 EZ<EE,K,EEZ>

PT C.B

⚠	87-033-147-019		CLAMP,FUSE<HR>
⚠	82-304-743-019		TERMINAL,1P<HR>
⚠F101	87-035-368-019		FUSE,4A 250V T E<HR>
⚠SW101	87-036-387-019		SW,SL 1-2-3<HR>

AC-1 C.B

⚠	87-033-213-089		CLAMP FUSE SMK<EE,K,EEZ>
⚠	82-304-743-019		TERMINAL,1P<EE,K,EEZ>
⚠F101	87-035-367-019		FUSE,3.15A 250V T E<EE,K,EEZ>

TP C.B

TP999	87-026-584-010		PROTECTOR,R3U3 T100A<HR>

DECK C.B

SFR1	87-024-581-010		SFR,3.3K DIA 6H
SOL1	82-ZM1-618-310		SOL ASSY,27
SOL2	82-ZM1-618-310		SOL ASSY,27
SW1	87-036-378-010		SW,PUSH 1-1-1 SH2
SW2	87-036-378-010		SW,PUSH 1-1-1 SH2
SW3	87-036-378-010		SW,PUSH 1-1-1 SH2
SW4	87-036-378-010		SW,PUSH 1-1-1 SH2
SW5	87-036-378-010		SW,PUSH 1-1-1 SH2
SW6	87-036-378-010		SW,PUSH 1-1-1 SH2
SW7	87-036-378-010		SW,PUSH 1-1-1 SH2
SW8	87-036-378-010		SW,PUSH 1-1-1 SH2

RELAY-1 C.B

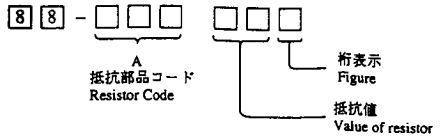
W106	85-MA2-615-019		CONN ASSY,3P PH

RELAY-2 C.B

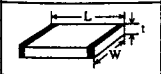
W105	83-NEG-608-019		CONN ASSY 8P-RPB

○ チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coading



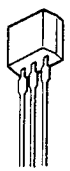
チップ抵抗
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm) Form／外形	L	W	t	Resistor Code: A 抵抗コード : A
1／32W	1608	±5%	CJ		1.6	0.8	0.35	108
1／10W	2125	±5%	CJ		2	1.25	1.45	118
1／8W	3216	±5%	CJ		3.2	1.6	0.5 ~0.7	128

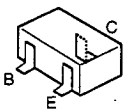
TRANSISTOR ILLUSTRATION

2SA935
2SA952
2SA1296
2SA1318
2SC2240

2SC3266
2SC3331
2SD655
KTC3198

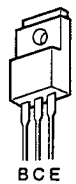


2SA933S
DTA114YS

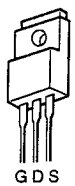


2SA1162
2SC1623
2SC2412
2SC2712
2SC2714
2SC3326

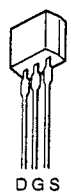
2SC3722K
DTA143EK
DTA144EK
DTA144WK
DTC114EK
DTC144EK



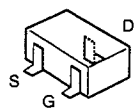
2SB1370



2SJ176
2SK1094

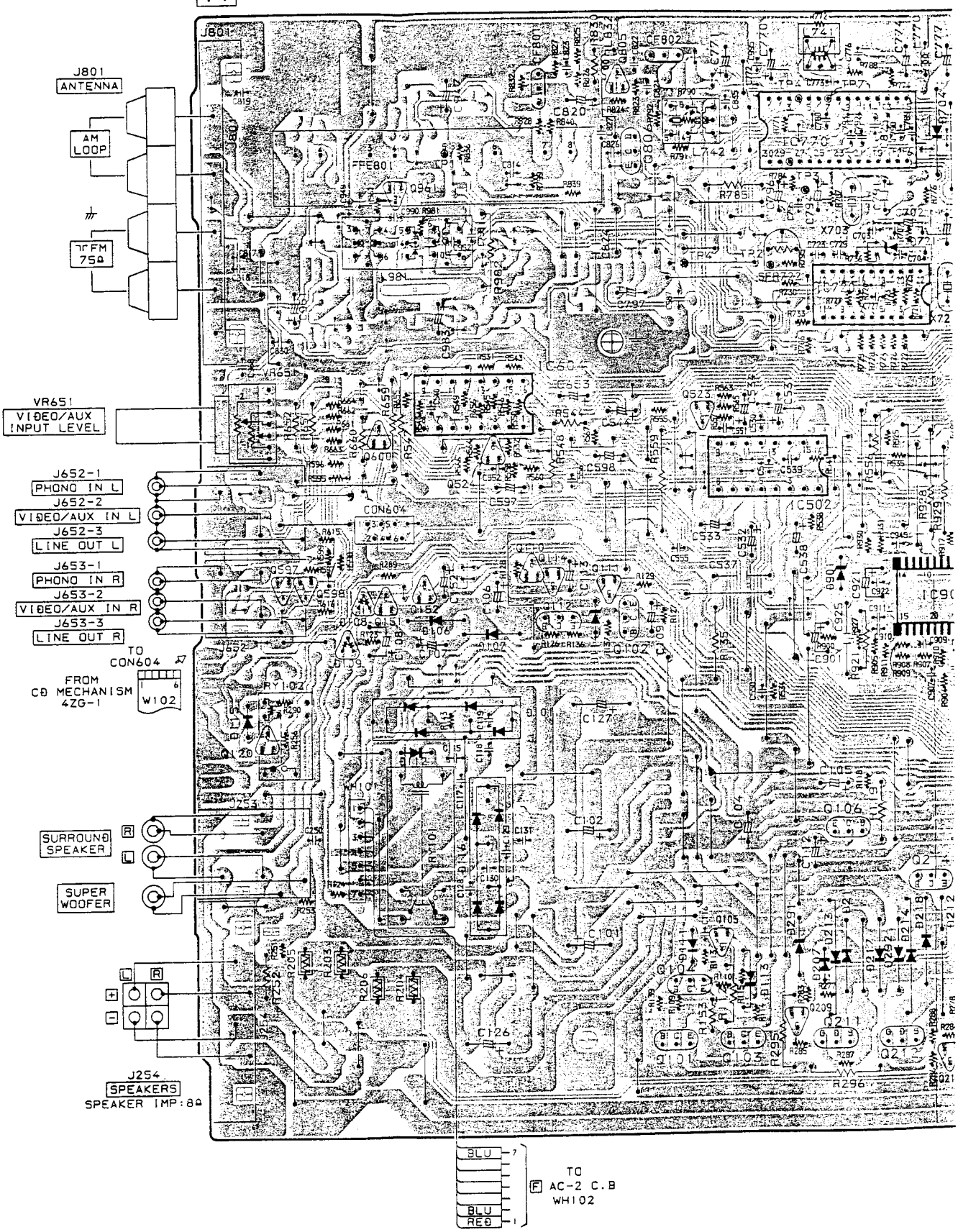


2SK365

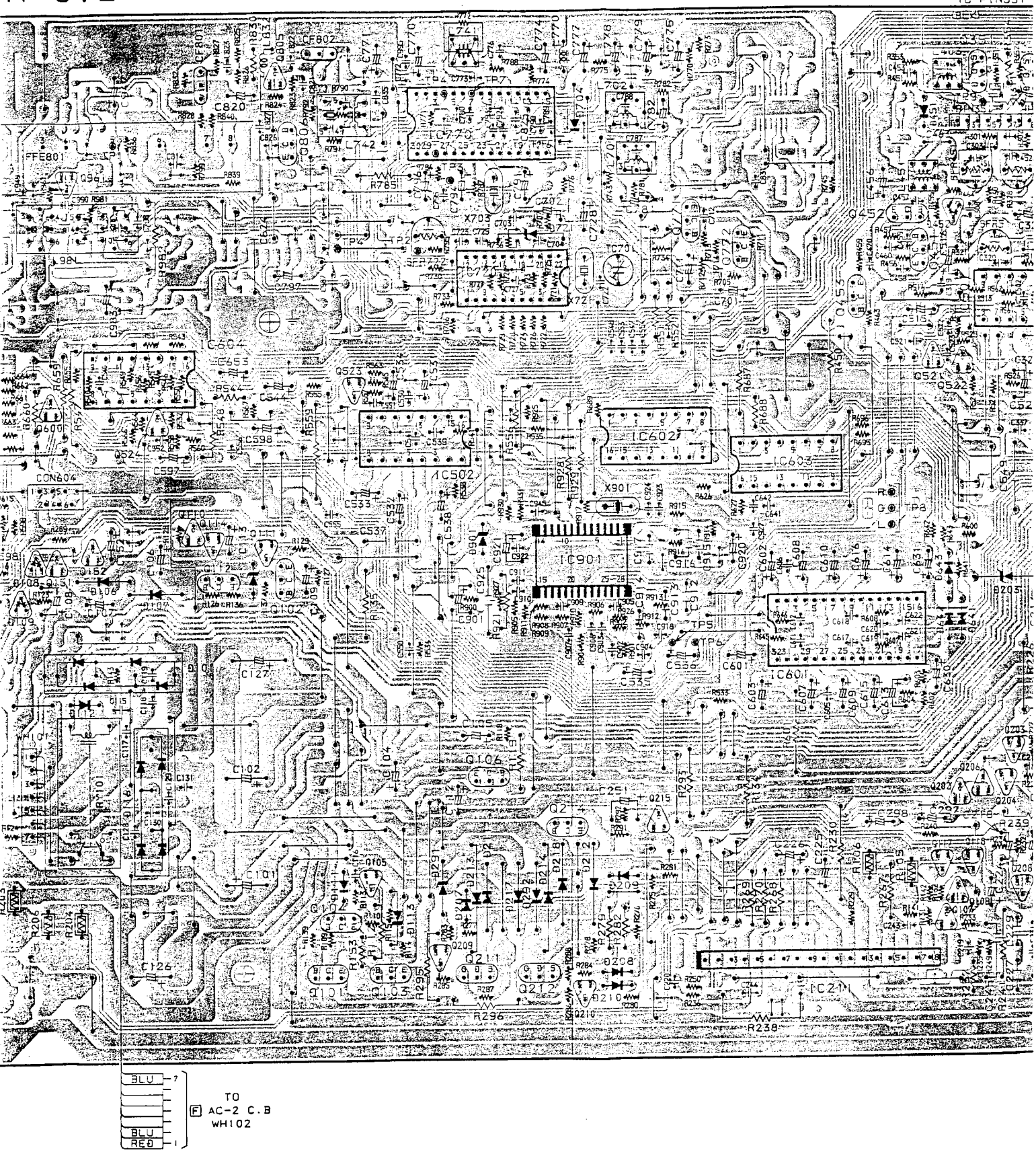


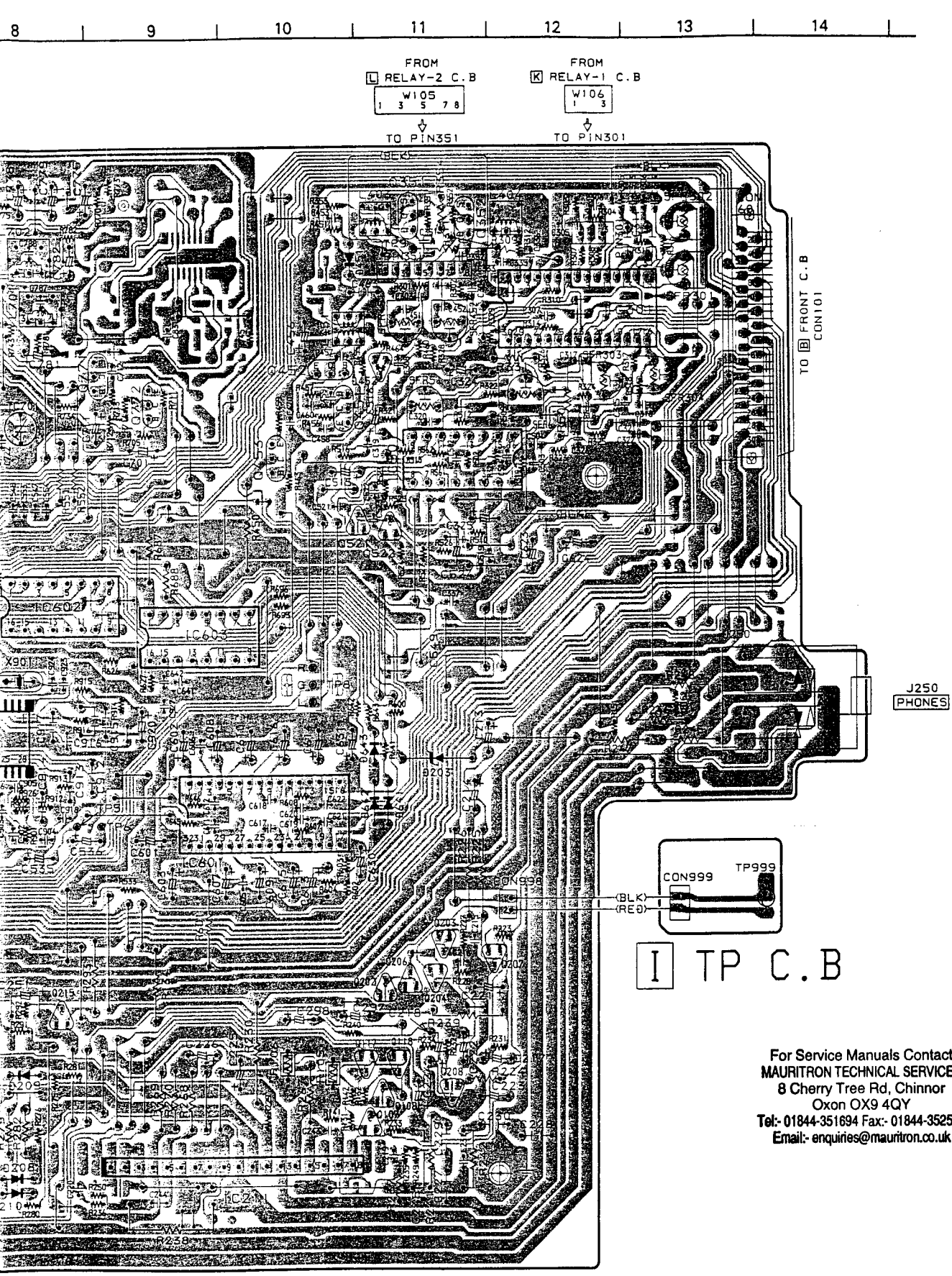
2SK543

A MAIN C.B


J801
ANTENNA
AM LOOP
FM 75Ω
VR651
VIDEO/AUX INPUT LEVEL
J652-1
PHONO IN L
J652-2
VIDEO/AUX IN L
J652-3
LINE OUT L
J653-1
PHONO IN R
J653-2
VIDEO/AUX IN R
J653-3
LINE OUT R
TO CON604
FROM CD MECHANISM 4ZG-1
W102
SURROUND SPEAKER
SUPER WOOFER
J254
SPEAKERS
SPEAKER IMP:8Ω
BLU
BLU
RED
TO F AC-2 C.B WH102

N C.B


4
5
6
7
8
9
10
11
FROM
RELAY-2 C.
W105
1 3 5 7 8
TO PIN351
IC604
IC502
IC602
IC603
IC901
IC60
IC211
X703
X721
X901
TC701
TP1
TP2
TP4
TP5
TP6
TP7
CON604
Q452
Q455
Q523
Q522
Q521
Q106
Q211
Q212
Q208
Q209
Q210
Q215
Q203
Q204
Q206
Q207
Q202
Q105
Q101
Q103
Q107
Q108
Q109
Q110
Q111
Q112
Q113
Q114
Q115
Q116
Q117
Q118
Q119
Q120
Q121
Q122
Q123
Q124
Q125
Q126
Q127
Q128
Q129
Q130
Q131
Q132
Q133
Q134
Q135
Q136
Q137
Q138
Q139
Q140
Q141
Q142
Q143
Q144
Q145
Q146



For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk

SCHEMATIC DIAGRAM-1 (MAIN: HR)

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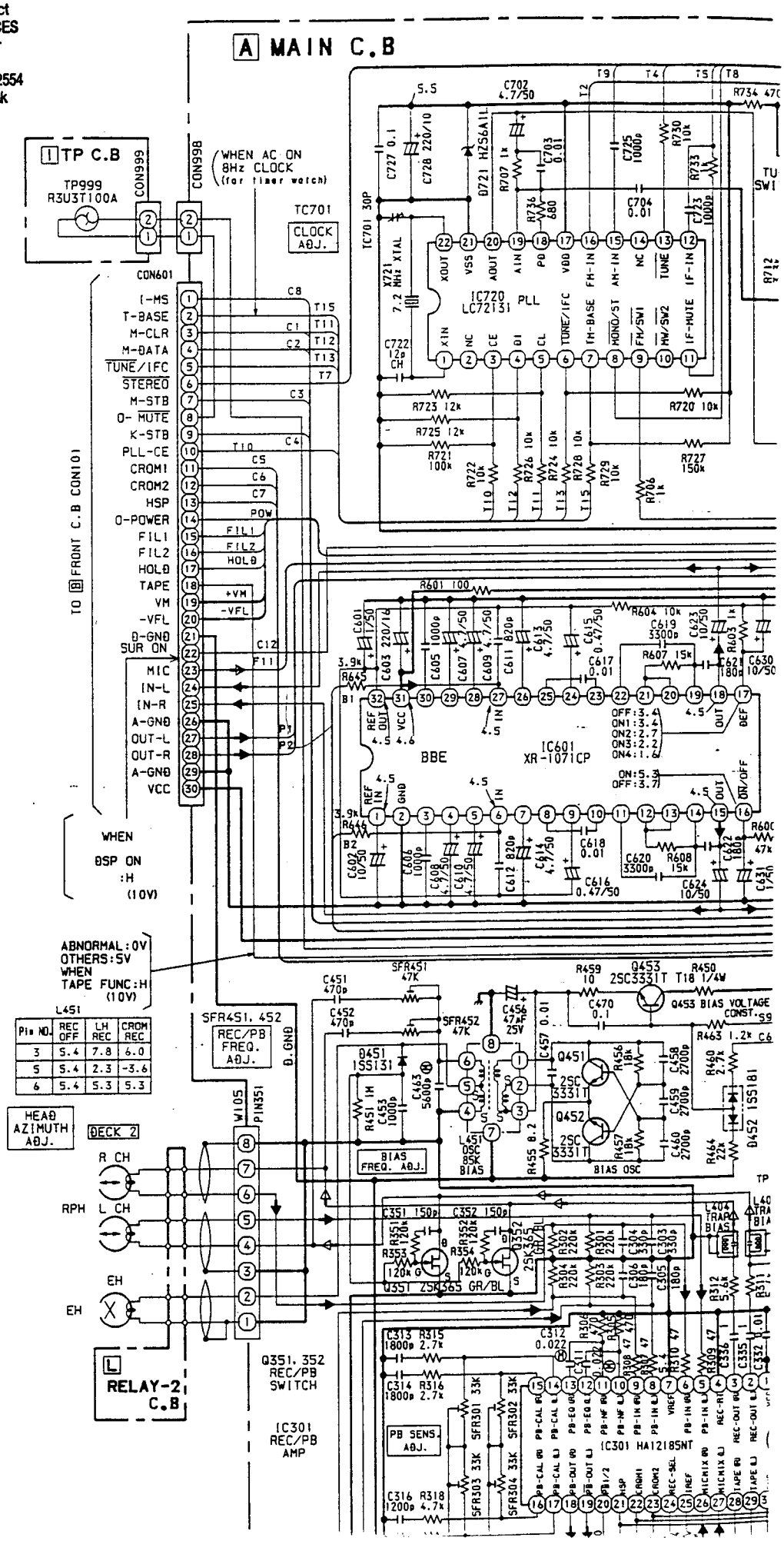
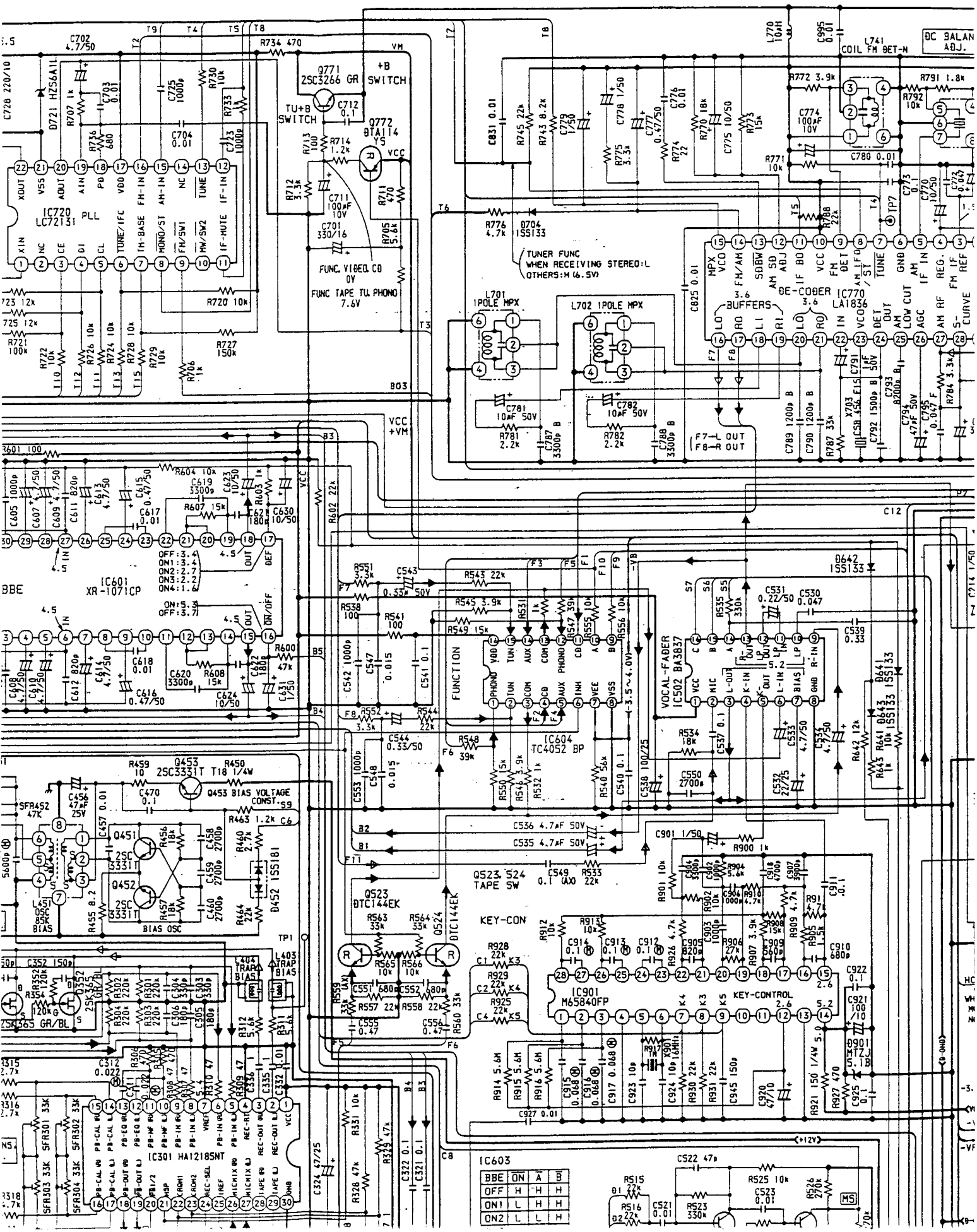


A154 1557

IAGRAM-1 (MAIN: HR)



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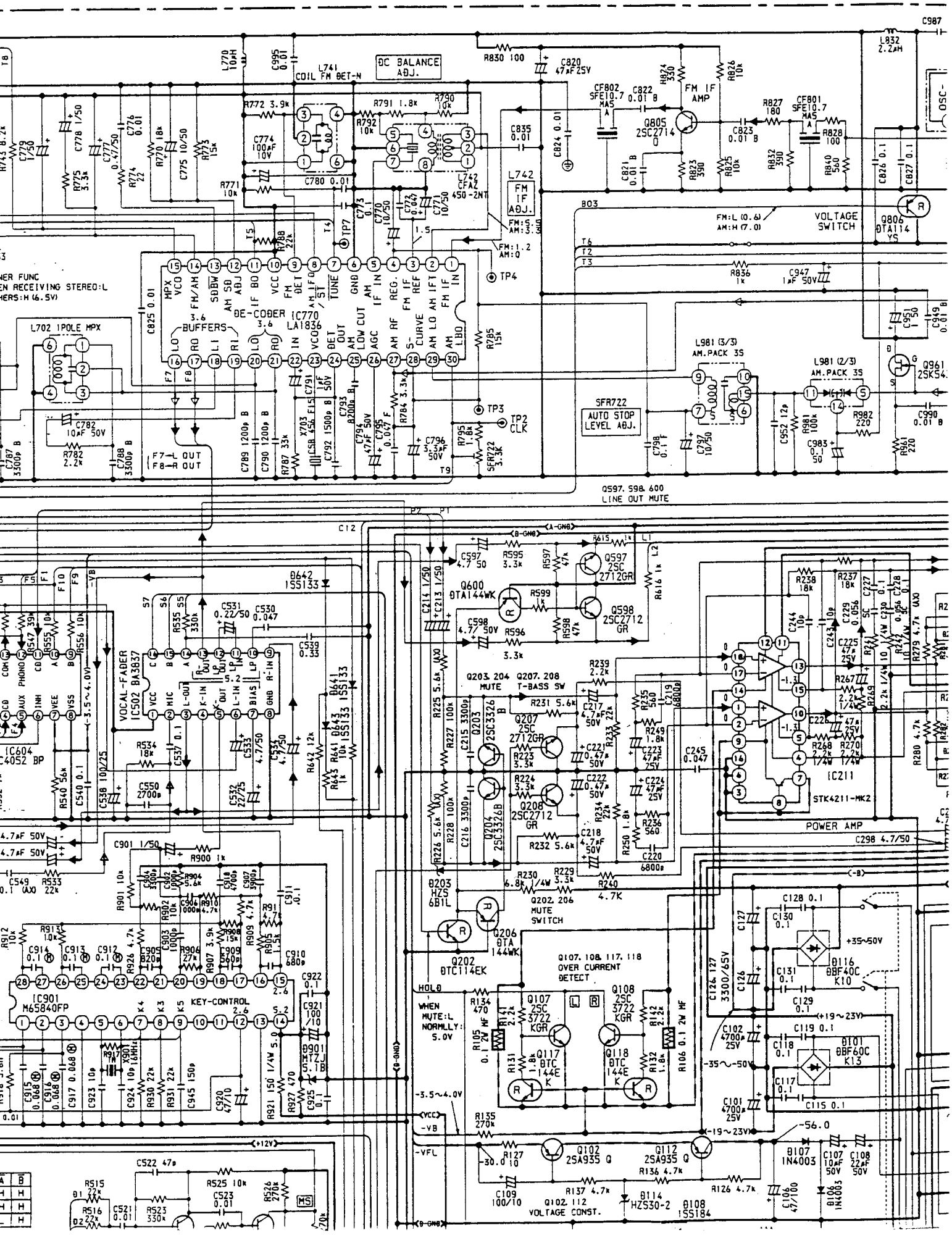
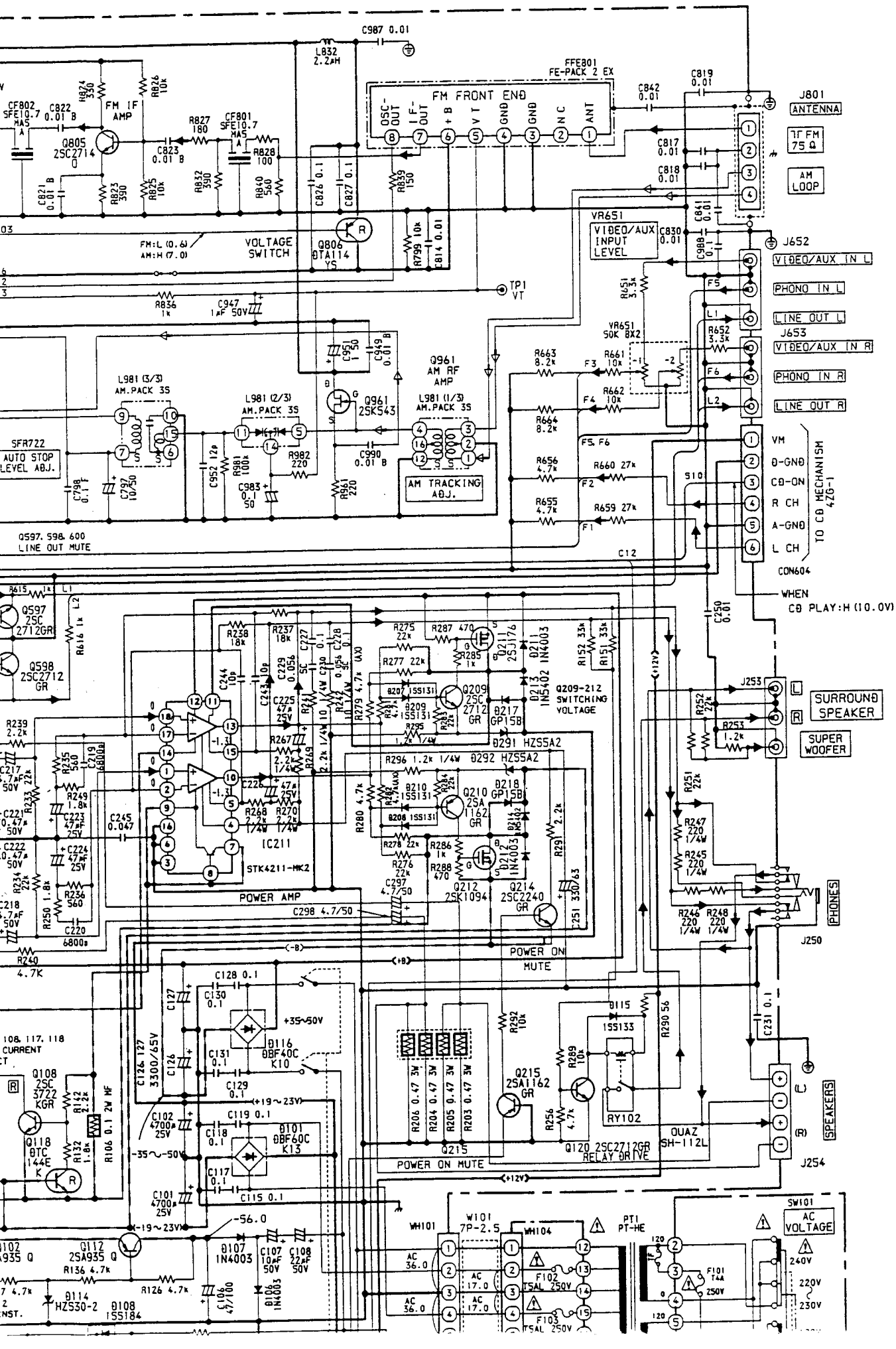
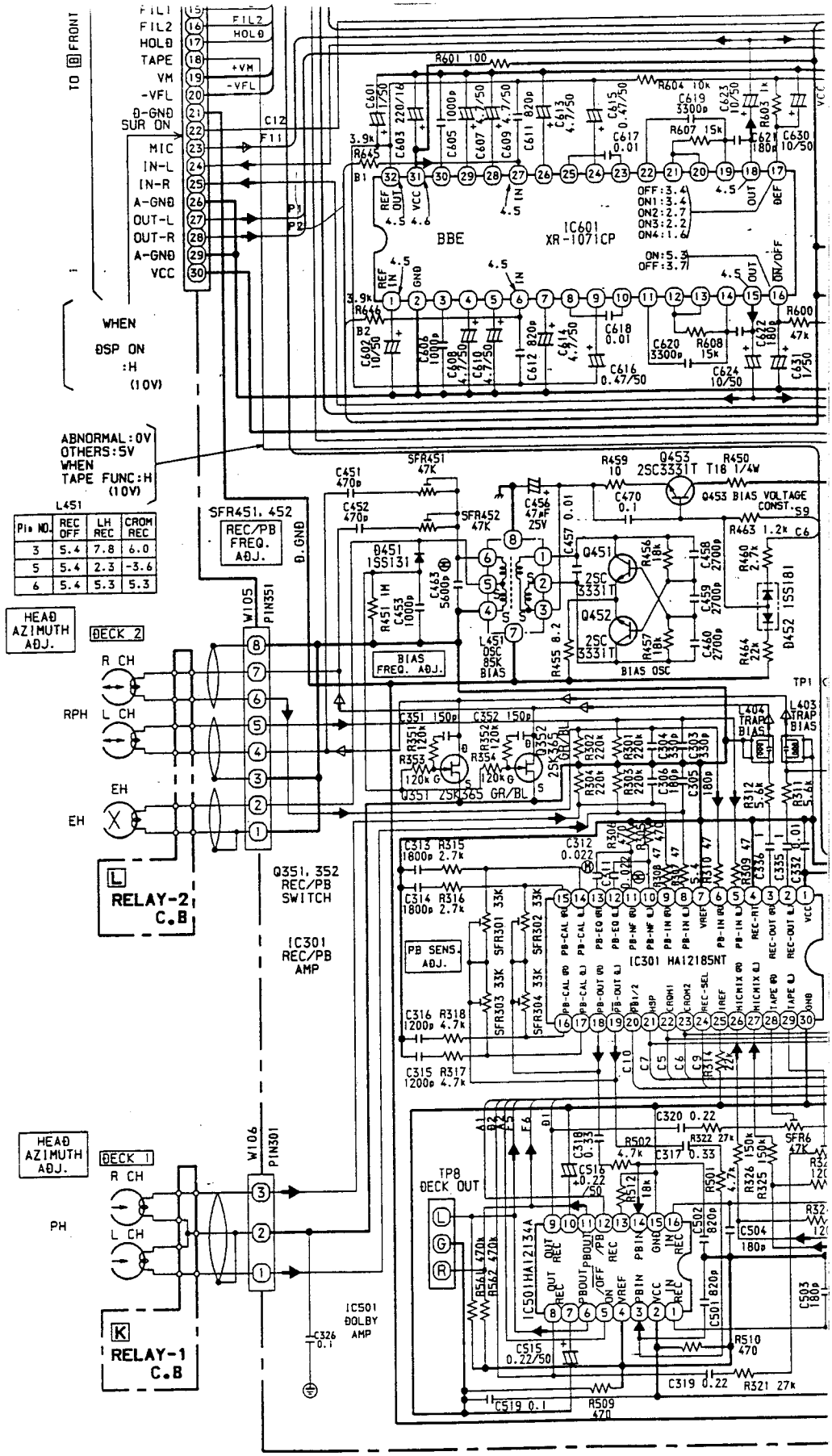
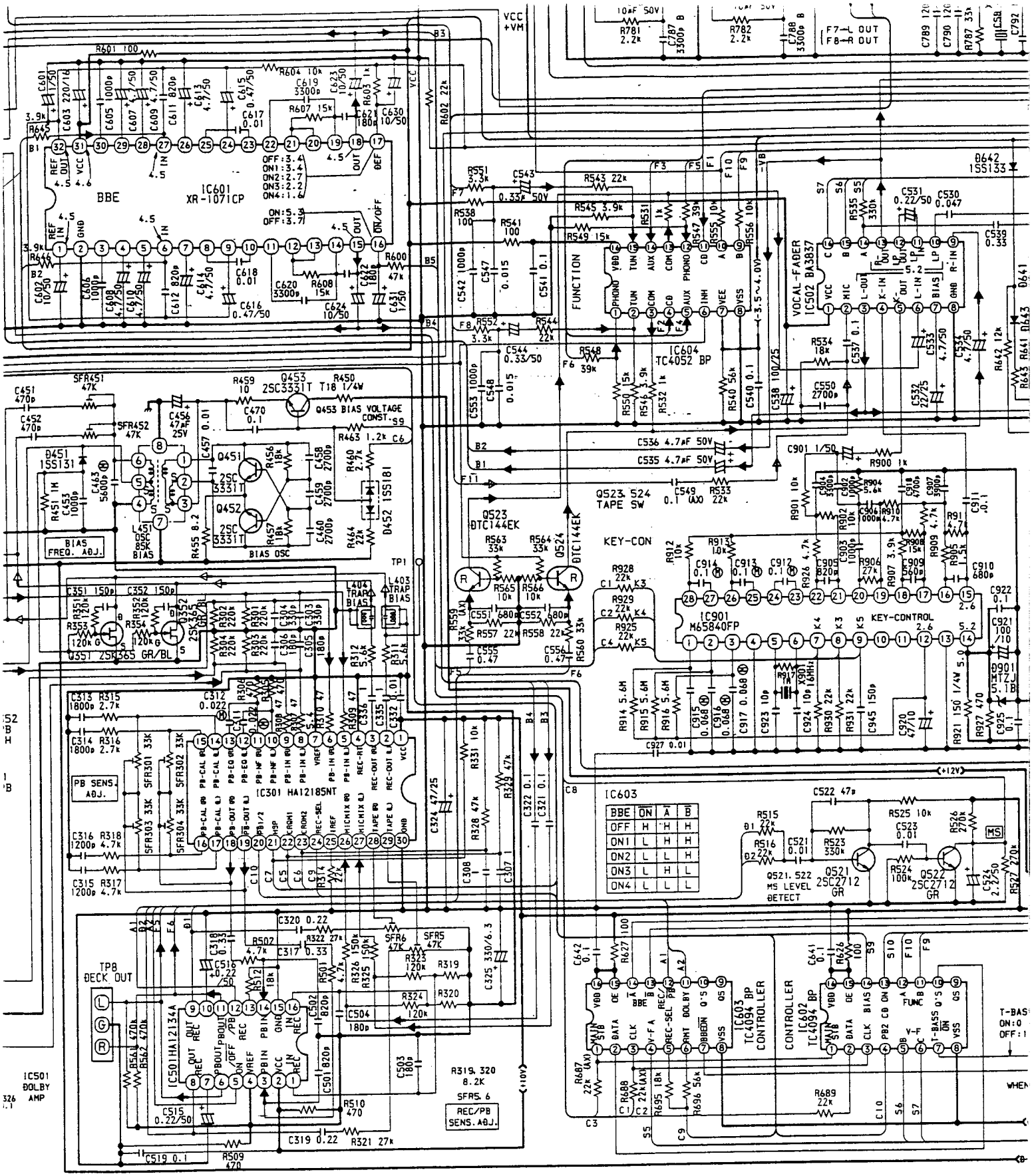



FM FRONT END
FE-PACK 2 EX
FM IF AMP
VOLTAGE SWITCH
FM:L (0.6)
AM:H (7.0)
VIDEO/AUX INPUT LEVEL
AM RF AMP
AM TRACKING ADJ.
AUTO STOP LEVEL ADJ.
LINE OUT MUTE
ANTENNA
TF FM 75 Ω
AM LOOP
VIDEO/AUX IN L
PHONO IN L
LINE OUT L
VIDEO/AUX IN R
PHONO IN R
LINE OUT R
TO CD MECHANISM 4ZG-1
CON604
WHEN CD PLAY:H (10.0V)
SURROUND SPEAKER
SUPER WOOFER
PHONES
SPEAKERS
POWER AMP
POWER ON MUTE
STK4211-MK2
Q209-212 SWITCHING VOLTAGE
RELAY DRIVE
AC VOLTAGE
240V
220V
230V


TO B FRONT
FIL1
FIL2
HOLD
TAPE
VM
-VFL
D-GND
SUR ON
MIC
IN-L
IN-R
A-GND
OUT-L
OUT-R
A-GND
VCC
+VM
-VFL
WHEN
DSP ON
:H
(10V)
ABNORMAL:0V
OTHERS:5V
WHEN
TAPE FUNC:H
(10V)
L451
Pin NO.
REC OFF
LH REC
CROM REC
3
5.4
7.8
6.0
5
5.4
2.3
-3.6
6
5.4
5.3
5.3
IC601
XR-1071CP
BBE
SFR451, 452
REC/PB FREQ. ADJ.
BIAS FREQ. ADJ.
BIAS OSC
Q451 2SC3331T
Q452 2SC3331T
Q453 2SC3331T T18 1/4W
Q453 BIAS VOLTAGE CONST.
D451 1SS131
D452 1SS181
HEAD AZIMUTH ADJ.
DECK 2
R CH
L CH
EH
RPH
W105
PIN351
RELAY-2 C.B
Q351, 352 REC/PB SWITCH
IC301 REC/PB AMP
IC301 HA12185NT
PB SENS. ADJ.
Q351 2SK365 GR/BL
HEAD AZIMUTH ADJ.
DECK 1
PH
W106
PIN301
RELAY-1 C.B
IC501 DOLBY AMP
IC501 HA12134A
TP8 DECK OUT
TP1



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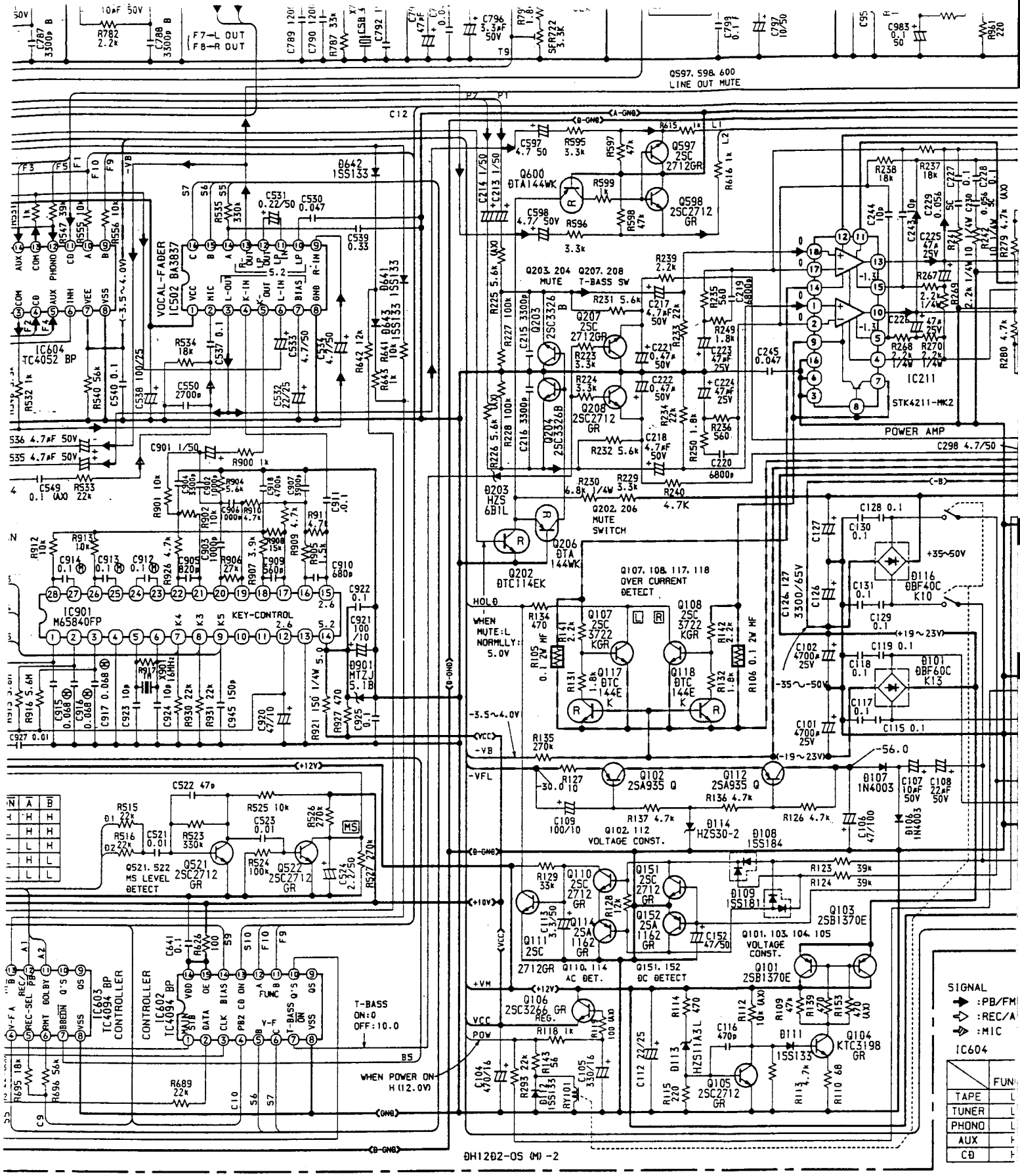
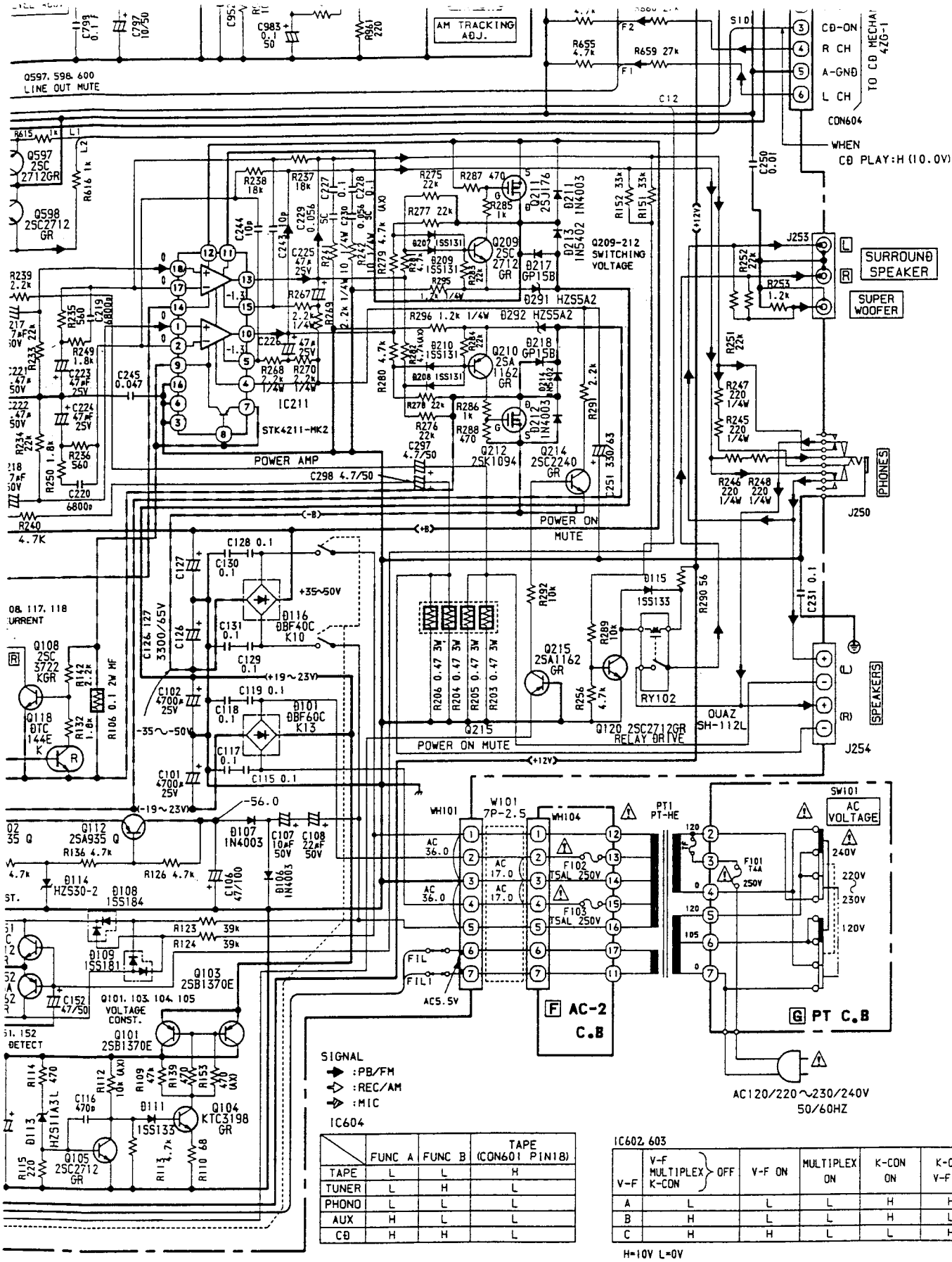

IC604
TC4052 BP
VOCAL-FADER
IC502 BA3837
IC901
M65840FP
KEY-CONTROL
IC603
TC4094 BP
CONTROLLER
IC602
TC4094 BP
CONTROLLER
IC211
STK4211-MK2
POWER AMP
Q597. 598. 600
LINE OUT MUTE
Q203. 204 Q207. 208
MUTE T-BASS SW
Q202. 206
MUTE
SWITCH
Q107. 108. 117. 118
OVER CURRENT
DETECT
Q521. 522
MS LEVEL
DETECT
Q101. 103. 104. 105
VOLTAGE
CONST.
Q102. 112
VOLTAGE CONST.
Q110. 114
AC DET.
Q151. 152
DC DETECT
T-BASS
ON:0
OFF:10.0
WHEN POWER ON
H (12.0V)
SIGNAL
:PB/FM
:REC/A
:MIC
IC604
TAPE
TUNER
PHONO
AUX
CD
ΘH1202-OS (M) -2



IC604

	FUNC A	FUNC B	TAPE (CON601 PIN18)
TAPE	L	L	H
TUNER	L	H	L
PHONO	L	L	L
AUX	H	L	L
CD	H	H	L

IC602. 603

V-F	V-F MULTIPLEX K-CON OFF	V-F ON	MULTIPLEX ON	K-CON ON	K-CON V-F ON	K-CON MULTIPLEX
A	L	L	L	H	H	H
B	H	L	L	H	L	H
C	H	H	L	L	H	L

H=10V L=0V

SCHEMATIC DIAGRAM-2 (MAIN: EE, K, EEZ)

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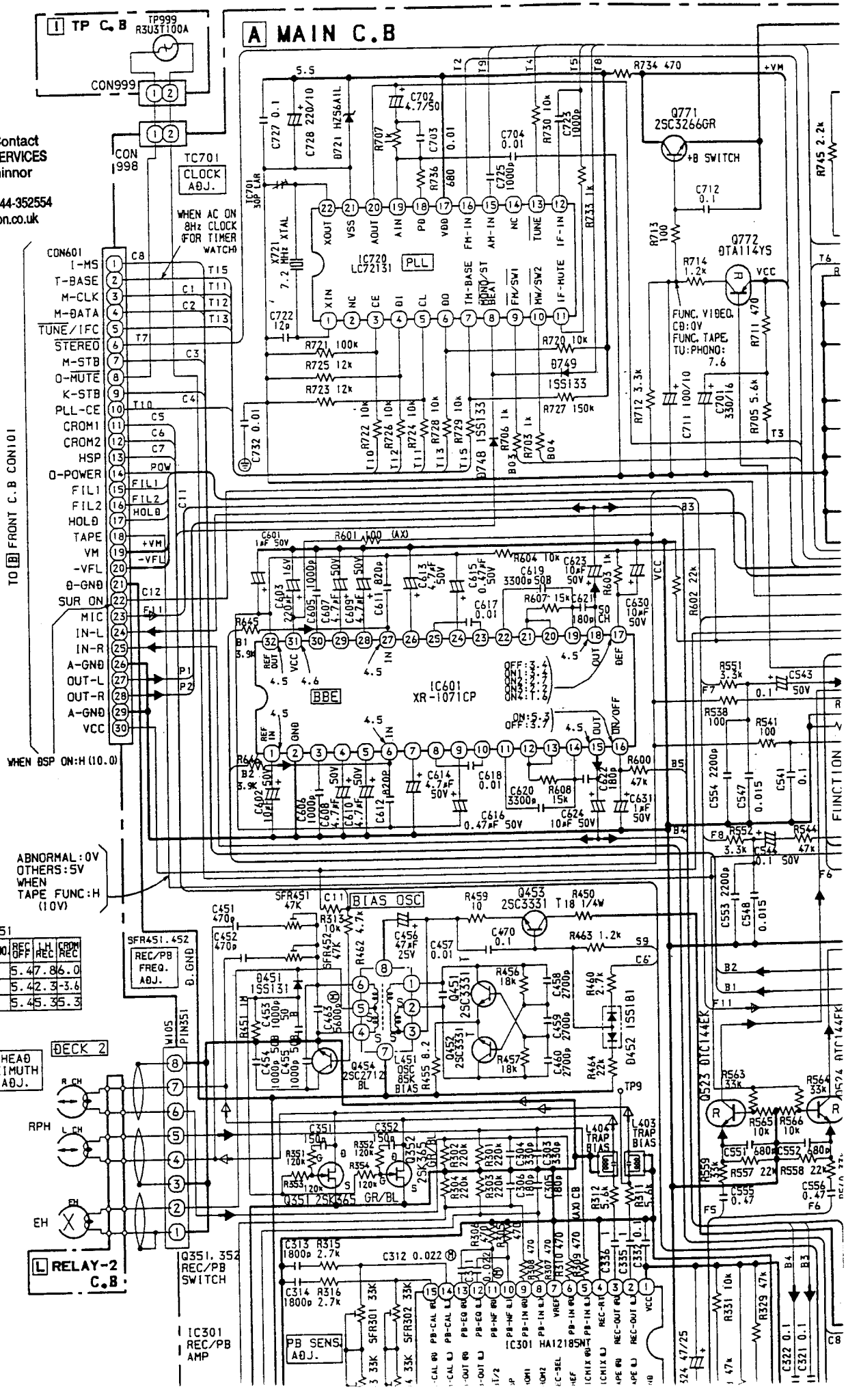
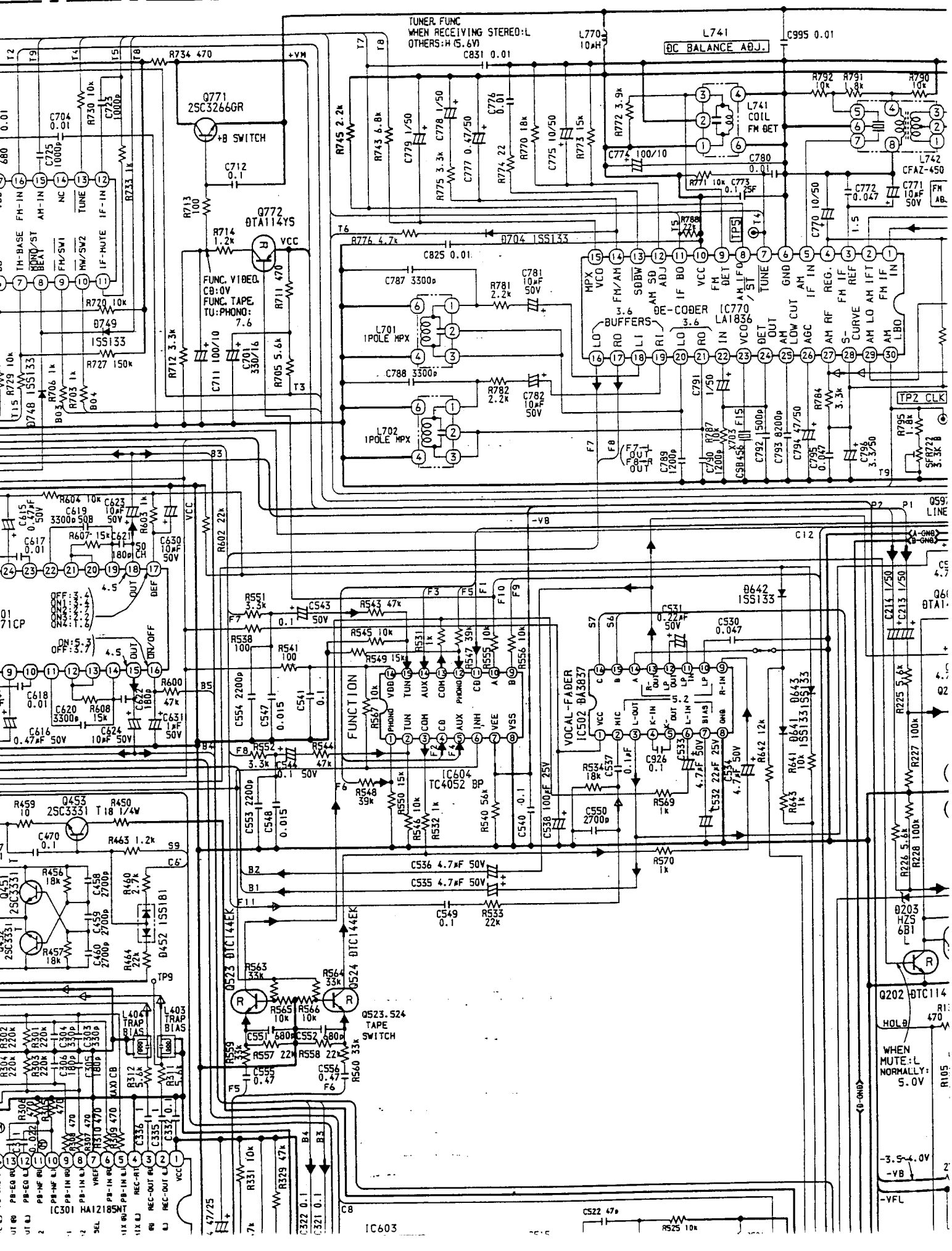
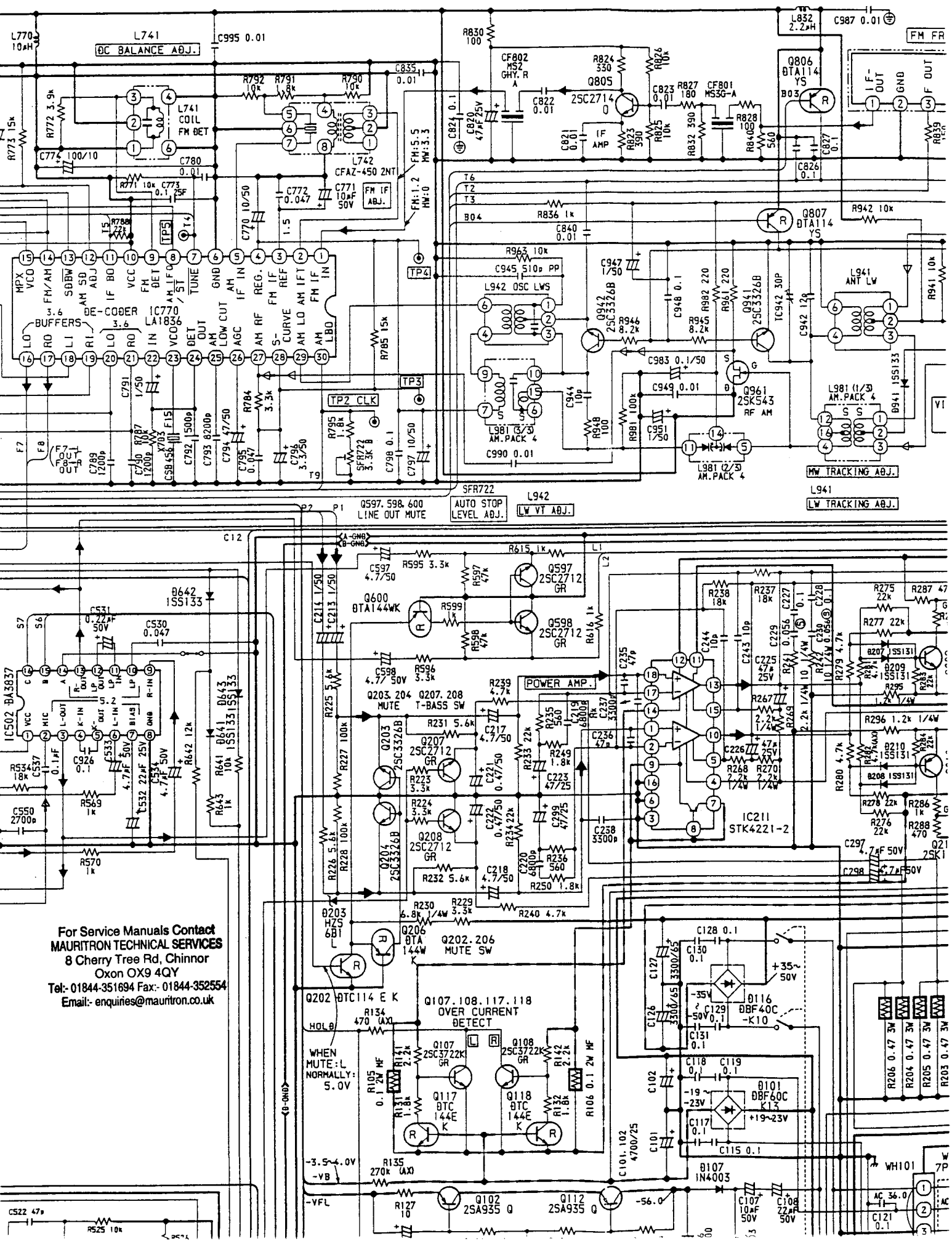



TUNER FUNC
WHEN RECEIVING STEREO:L
OTHERS:H (5.6V)
L741
DC BALANCE ADJ.
L741 COIL FM DET
L742 CFAZ-450
Q771 2SC3266GR
+B SWITCH
Q772 DTA114YS
FUNC. VIDEO
CB:0V
FUNC. TAPE
TU:PHONO:
7.6
Q749 1SS133
D748 1SS133
IC770 LA1836
DE-CODER
BUFFERS
3.6
L701 1POLE MPX
L702 1POLE MPX
TP2 CLK
-VB
+VM
VCC
FUNCTION
IC604 TC4052 BP
VOCAL-FADER IC502 BA3837
Q453 2SC3331 T 1B 1/4W
Q451 2SC3331
Q452 1SS181
Q523 DTC144EK
Q524 DTC144EK
Q523.524 TAPE SWITCH
L404 TRAP BIAS
L403 TRAP BIAS
IC301 HA12185NT
IC603
D642 1SS133
D641 1SS133
D643 1SS133
Q203 HZS 6B1
Q202 DTC114
WHEN MUTE:L NORMALLY: 5.0V
-3.5~4.0V
-VFL


L741
DC BALANCE ADJ.
L741 COIL FM DET
L742 CFAZ-450 2NT
FM IF ADJ.
IC770 LA1836
DE-CODER
BUFFERS
IC502 BA3837
Q597. 598. 600 LINE OUT MUTE
SFR722 AUTO STOP LEVEL ADJ.
L942 LW VT ADJ.
MW TRACKING ADJ.
LW TRACKING ADJ.
POWER AMP.
Q203. 204 Q207. 208 MUTE T-BASS SW
Q202. 206 MUTE SW
Q107. 108. 117. 118 OVER CURRENT DETECT
WHEN MUTE:L NORMALLY: 5.0V
IC211 STK4221-2
Q597 2SC2712 GR
Q598 2SC2712 GR
Q600 DTA144WK
Q207 2SC2712 GR
Q208 2SC2712 GR
Q206 DTA 144W K
Q202 DTC114 E K
Q107 2SC3722K GR
Q108 2SC3722K GR
Q117 DTC 144E K
Q118 DTC 144E K
Q102 2SA935 Q
Q112 2SA935 Q
Q805 2SC2714 O
Q806 DTA114 YS
Q807 DTA114 YS
Q961 2SK543 RF AM
Q942 2SC3326B
Q941 2SC3326B
Q203 2SC3326B
Q204 2SC3326B
D642 1SS133
D643 1SS133
D641 1SS133
D207 1SS131
D209 1SS131
D210 1SS131
D208 1SS131
D941 1SS133
D116 DBF40C -K10
D101 DBF60C K13
D107 1N4003
FM FR
I.F. OUT
GND
F OUT
L941 ANT LW
L981 (1/3) AM.PACK 4
L981 (2/3) AM.PACK 4
L981 (3/3) AM.PACK 4
WH101
AC 36.0
For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
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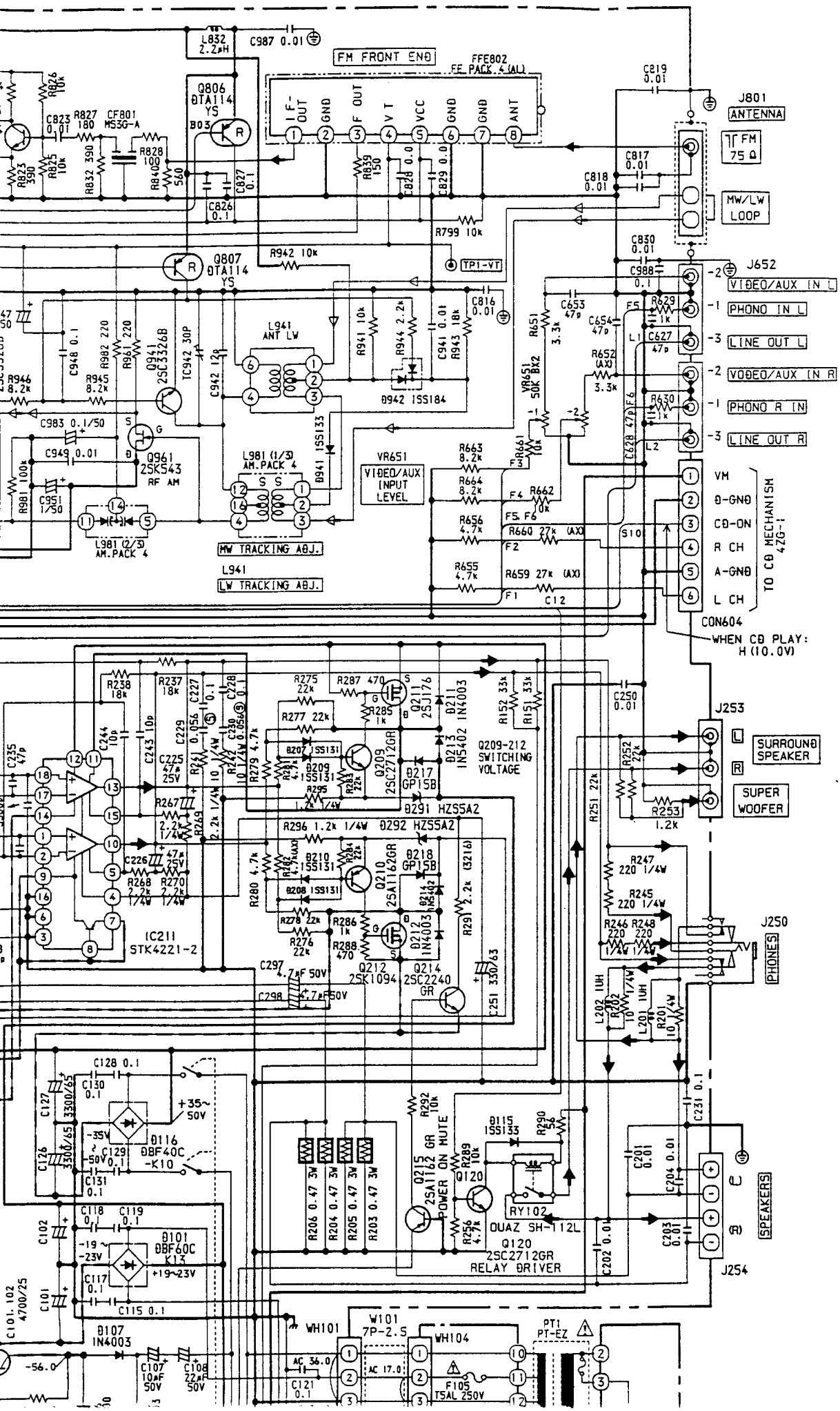
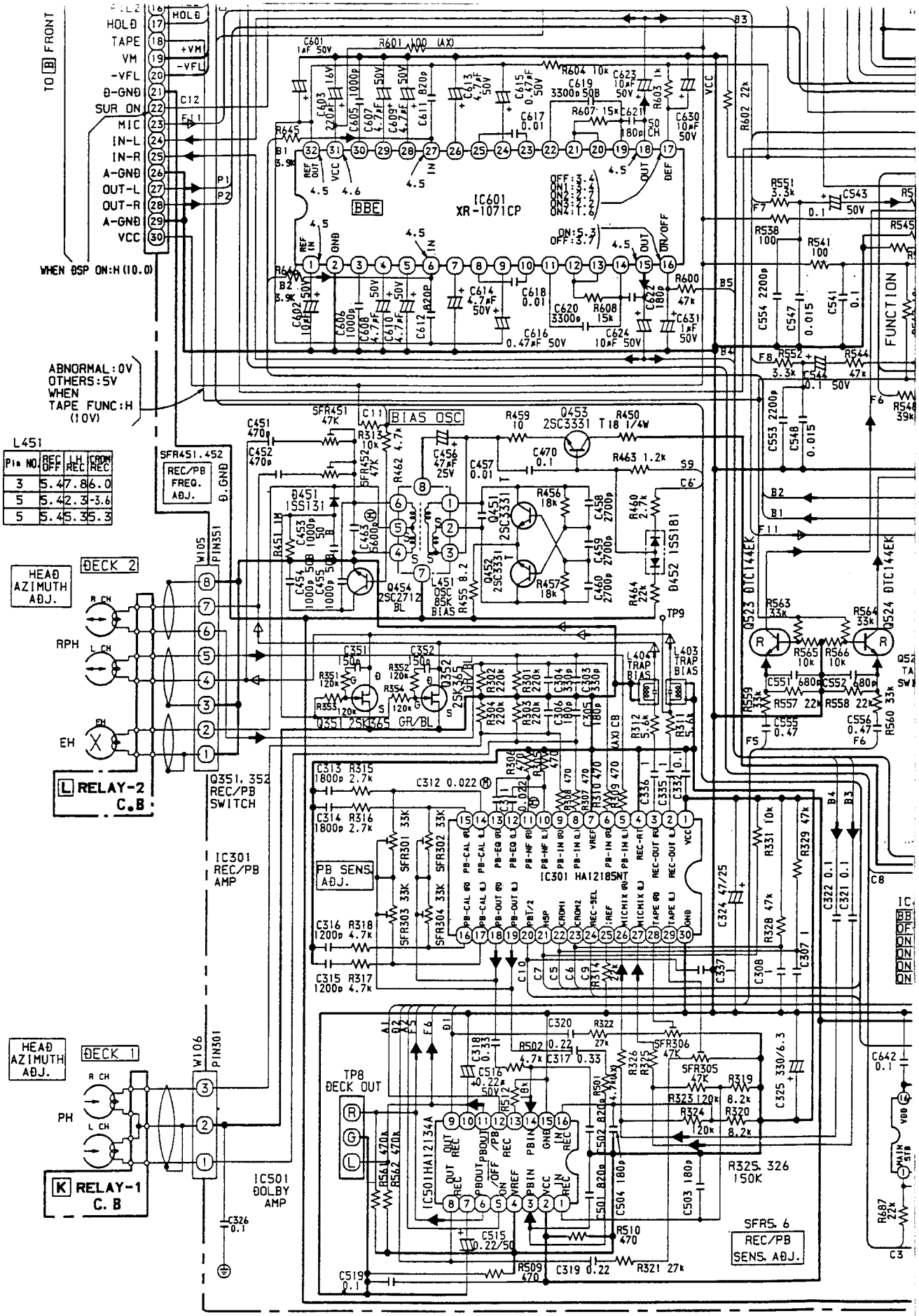

FM FRONT END
FFE802
FE PACK 4 (AL)
IF-OUT
GND
F OUT
VT
VCC
GND
GND
ANT
J801
ANTENNA
FM 75Ω
MW/LW LOOP
J652
VIDEO/AUX IN L
PHONO IN L
LINE OUT L
VIDEO/AUX IN R
PHONO R IN
LINE OUT R
TP1-VT
L941 ANT LW
L981 (1/3) AM.PACK 4
L981 (2/3) AM.PACK 4
MW TRACKING ADJ.
L941
LW TRACKING ADJ.
VR651
VIDEO/AUX INPUT LEVEL
VM
Ø-GNØ
CØ-ON
R CH
A-GNØ
L CH
TO CØ MECHANISM 420-1
CON604
WHEN CØ PLAY: H (10.0V)
Q209-212 SWITCHING VOLTAGE
J253
SURROUNØ SPEAKER
SUPER WOOFER
J250
PHONES
IC211 STK4221-2
Q212 2SK1094
Q214 2SC2240 GR
Q215 2SA1162 GR
POWER ON MUTE
Q120 2SC2712GR
RELAY ØRIVER
RY102 OUAZ SH-112L
SPEAKERS
J254
WH101
W101 7P-2.5
WH104
PT1 PT-EZ
F105 T5AL 250V



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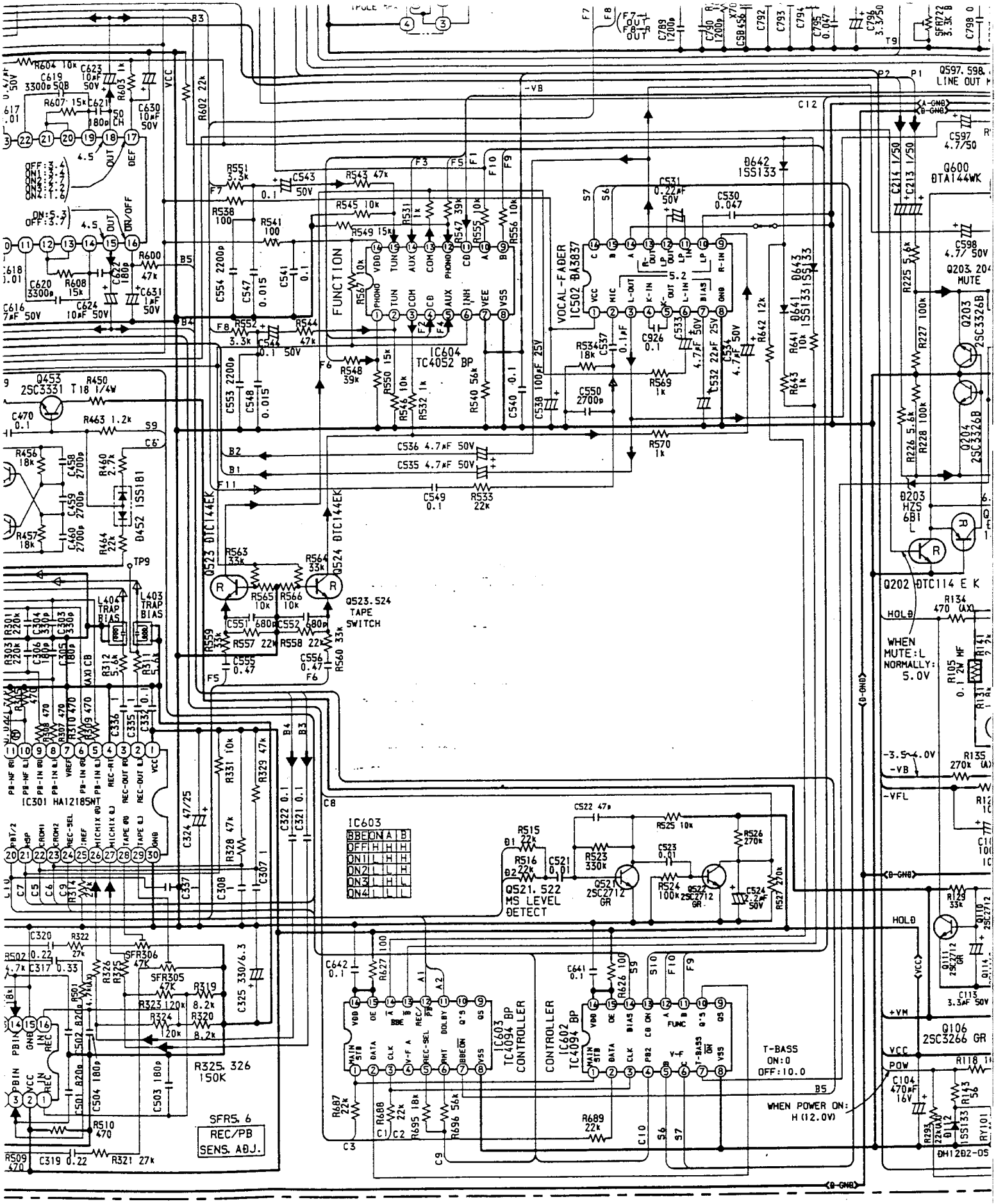
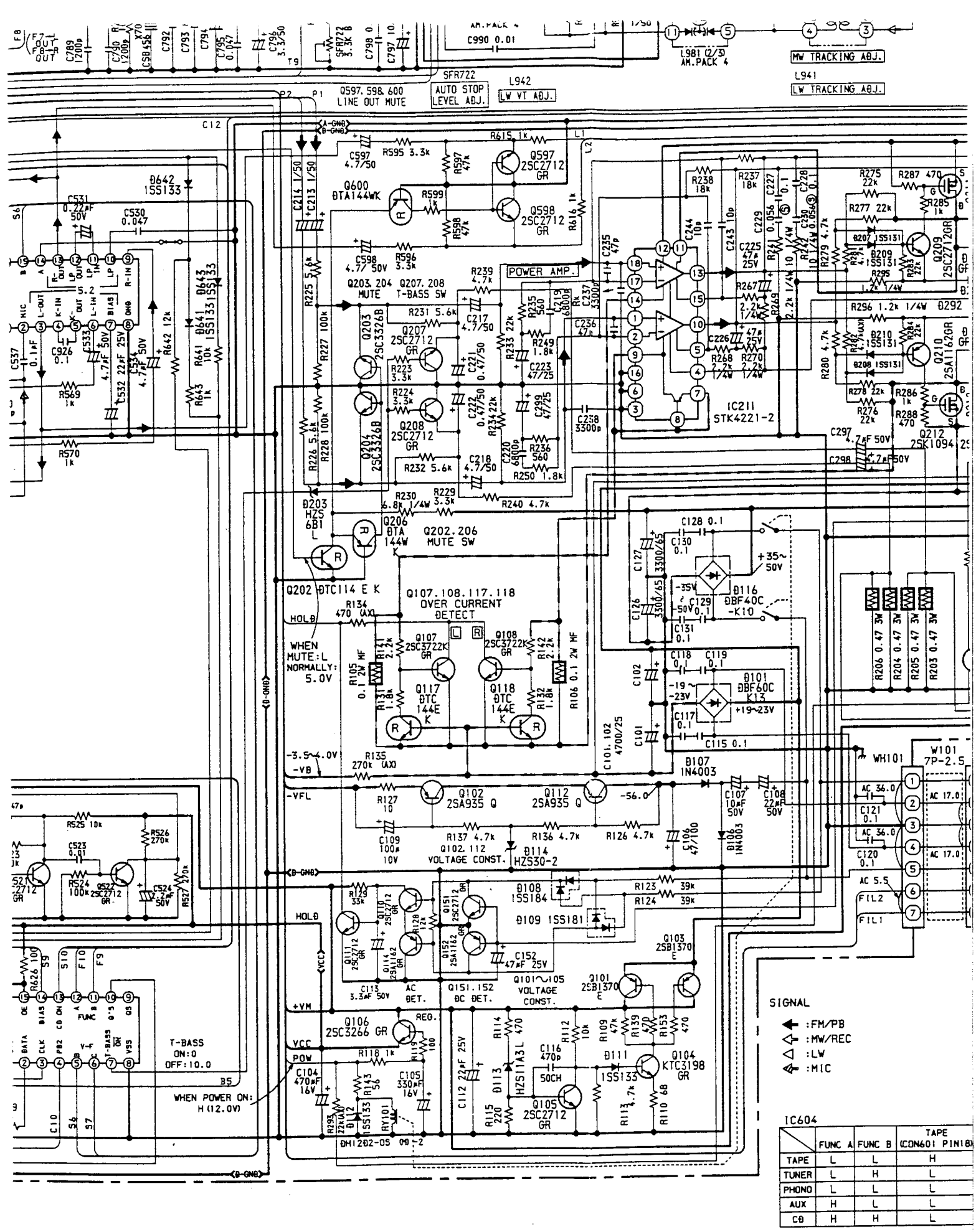
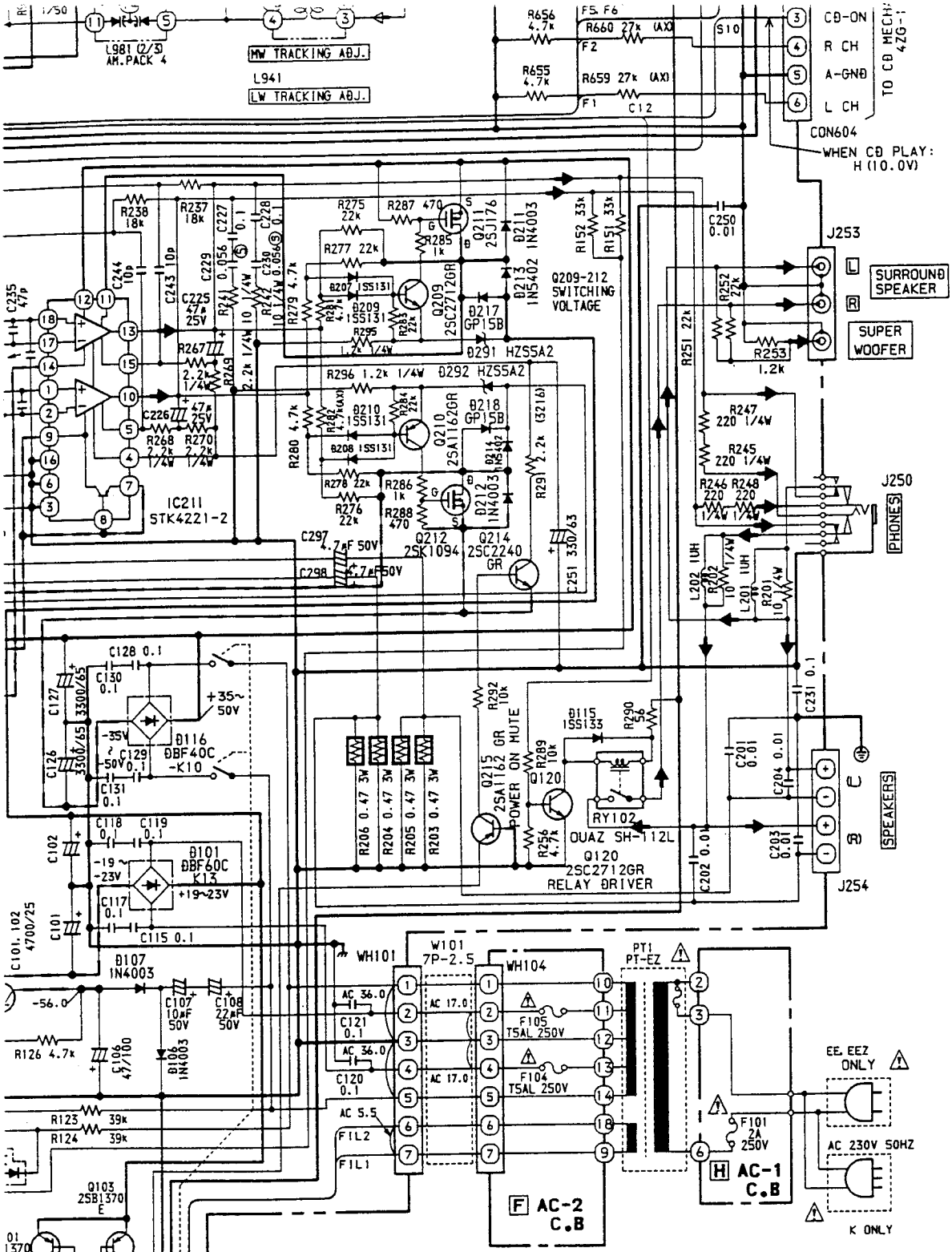

IC604 TC4052 BP
FUNCTION
VOCAL-FADER IC502 BA3837
IC603 TC4094 BP CONTROLLER
CONTROLLER IC602 TC4094 BP
IC301 HA12185NT
Q523.524 TAPE SWITCH
Q521.522 MS LEVEL DETECT
Q597.598 LINE OUT
Q600 DTA144WK
Q203.204 MUTE
Q202 DTC114 E K
Q106 2SC3266 GR
Q453 2SC3331 T18 1/4W
Q523 DTC144EK
Q524 DTC144EK
D642 1SS133
D643 1SS133
D452 1SS181
D203 HZS 6B1
D112 1SS133
D641 1SS133
IC603
BBE ON A B
OFF H H H
ON1 L H H
ON2 L L H
ON3 L H L
ON4 L L L
T-BASS ON:0 OFF:10.0
WHEN POWER ON: H (12.0V)
WHEN MUTE:L NORMALLY: 5.0V
-3.5~4.0V
SFR5. 6 REC/PB SENS. ADJ.
R325. 326 150K
L403 TRAP BIAS
L404 TRAP BIAS
HOLD
-VB
-VFL
+VM
VCC
POW
B-GND
A-GND



IC604

	FUNC A	FUNC B	TAPE (CON601 PIN18)
TAPE	L	L	H
TUNER	L	H	L
PHONO	L	L	L
AUX	H	L	L
CD	H	H	L



SIGNAL

- ◀ :FM/PB
- ⇦ :MW/REC
- △ :LW
- ⇦ :MIC

IC604

	FUNC A	FUNC B	TAPE (CON601 PIN18)
TAPE	L	L	H
TUNER	L	H	L
PHONO	L	L	L
AUX	H	L	L
CD	H	H	L

IC602, 603

V-F	V-F MULTIPLEX K-CON OFF	V-F ON	MULTIPLEX ON	K-CON ON	K-CON V-F ON	K-CON MULTIPLEX
A	L	L	L	H	H	H
B	H	L	L	H	L	H
C	H	H	L	L	H	L

H=10V L=0V

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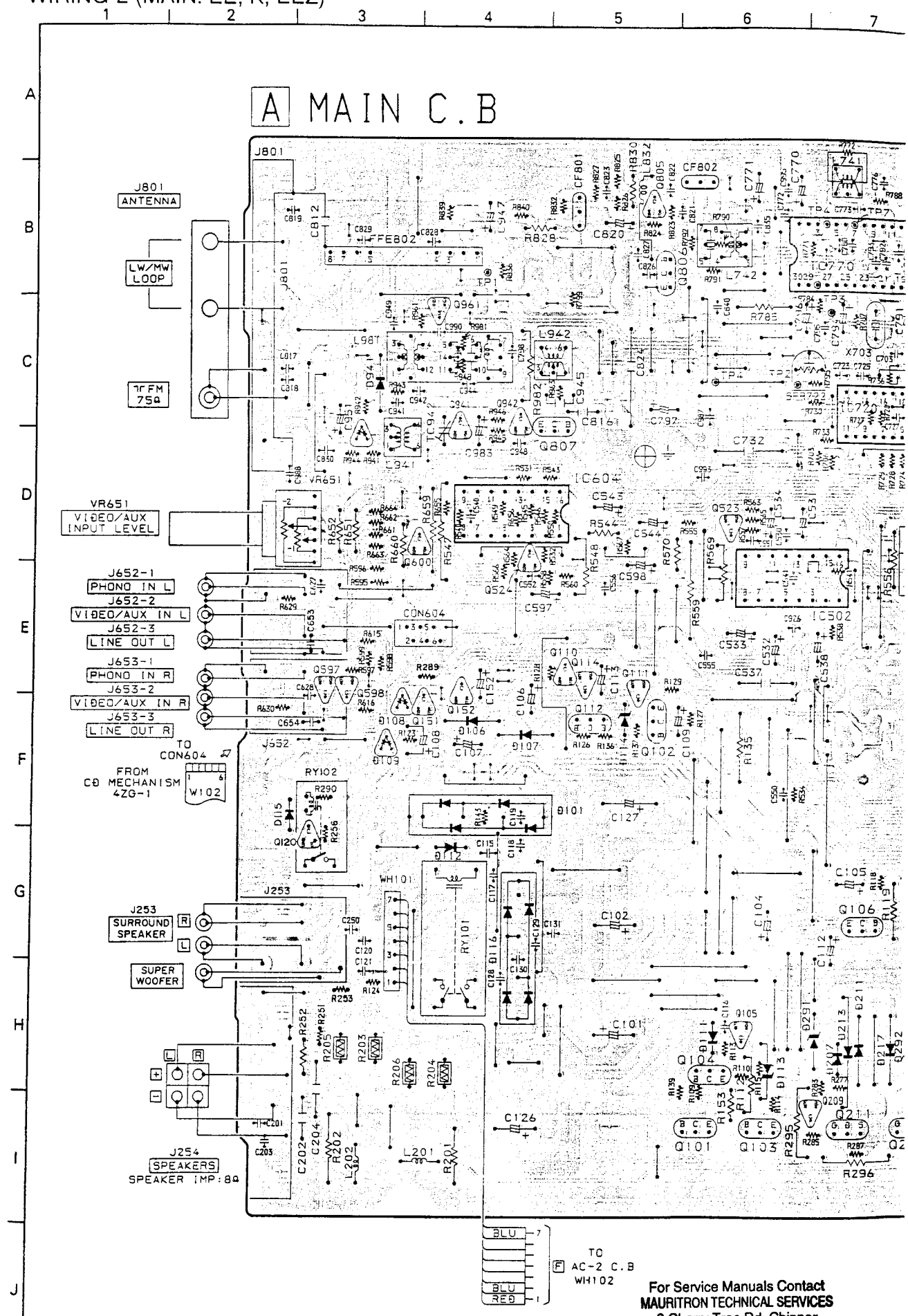

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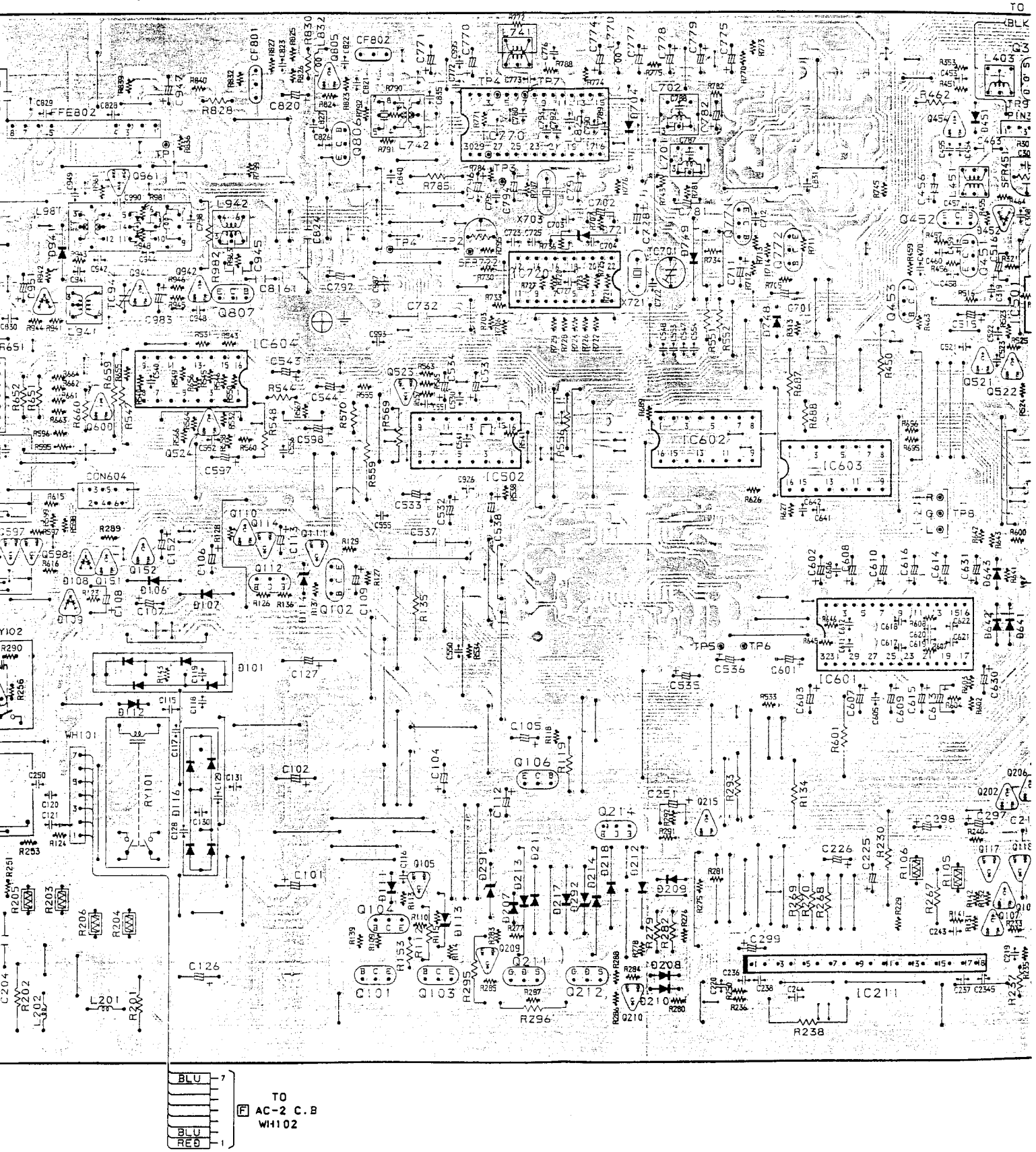
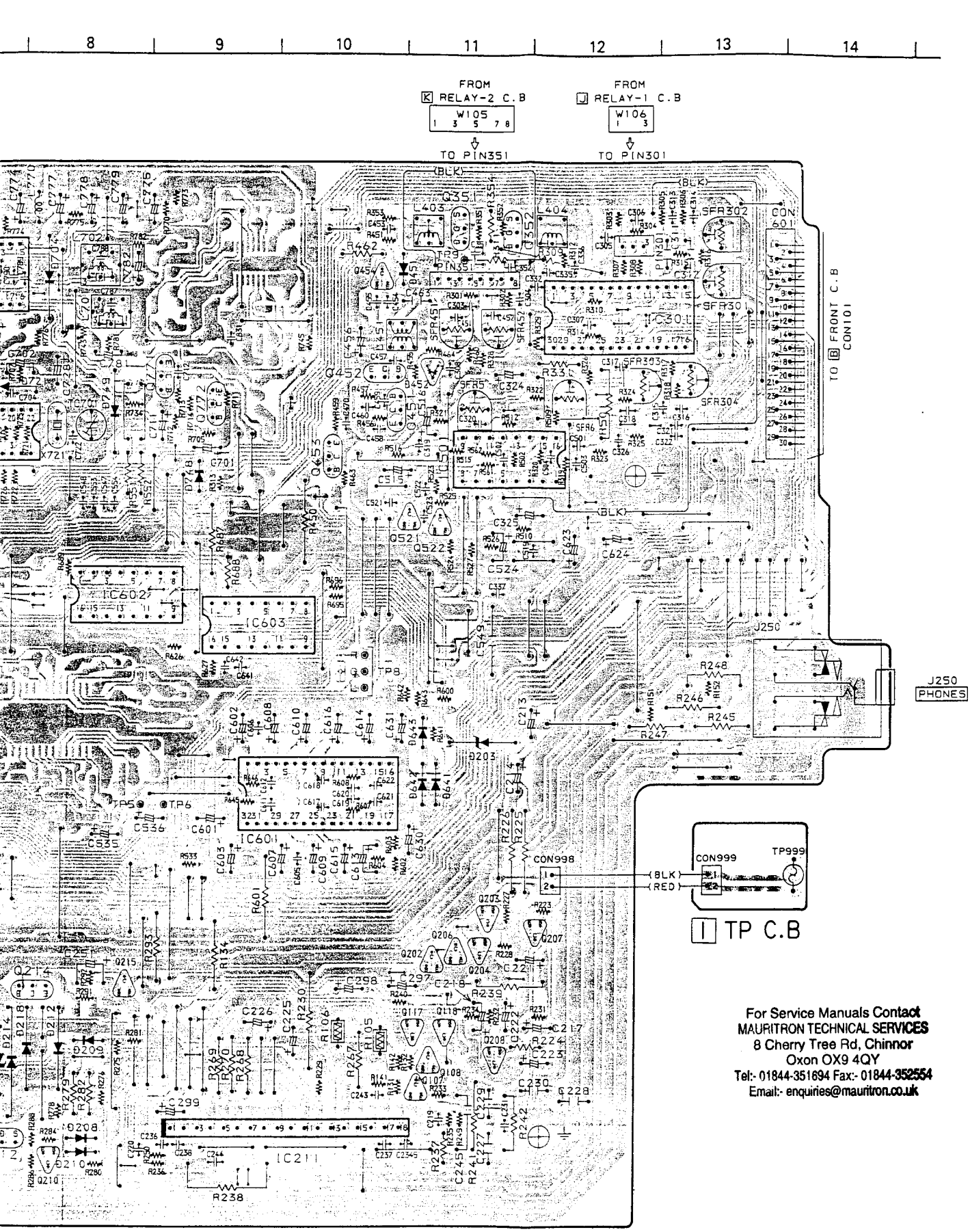
MAIN C.B


3
4
5
6
7
8
9
10
K REL
TO
CBLK
IC770
IC604
IC502
IC602
IC603
IC601
IC211
Q807
Q106
Q101
Q103
Q212
Q210
TP4
TP5
TP6
TP7
TO
F AC-2 C.B
WH102
BLU
BLU
RED



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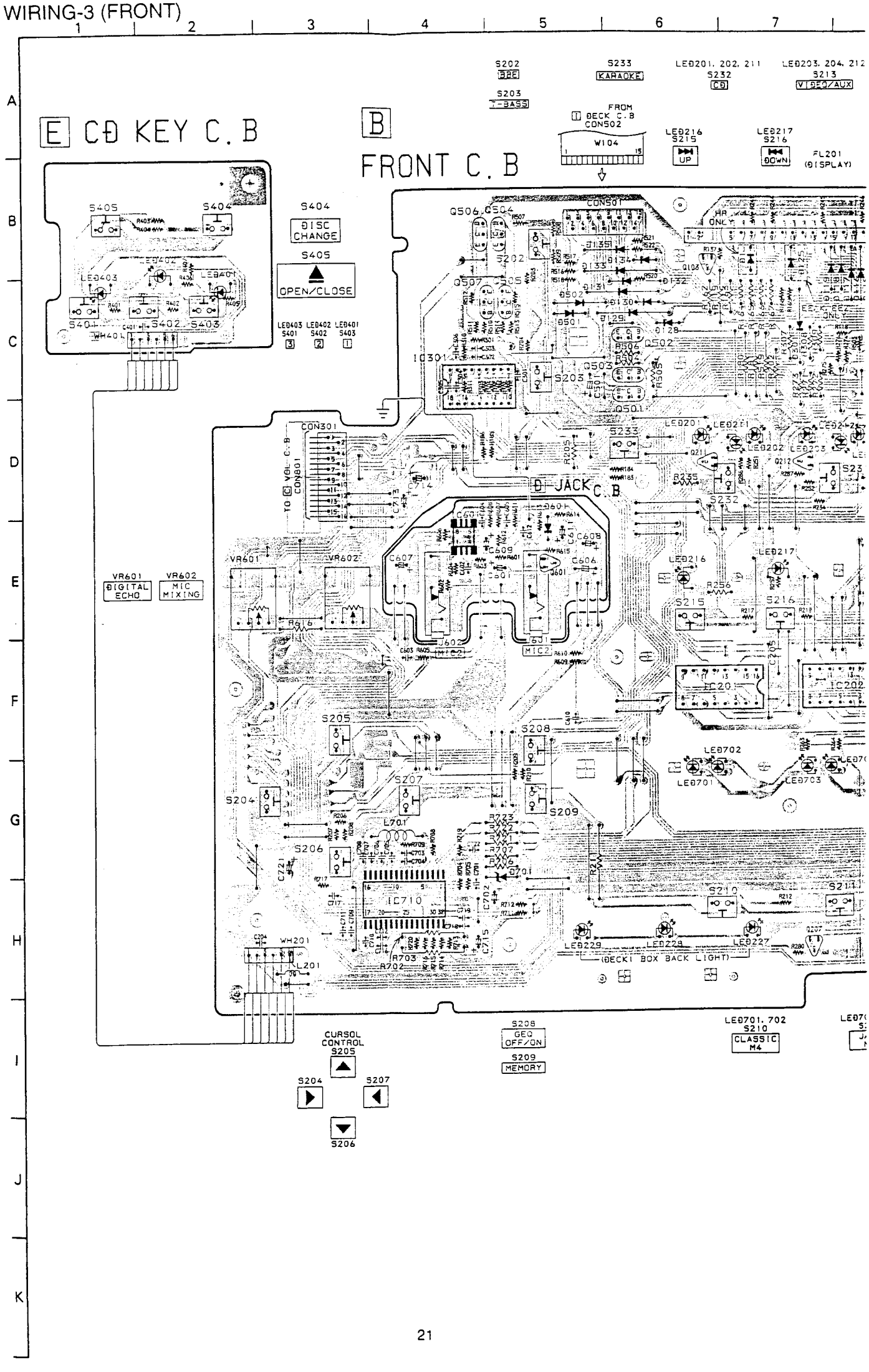
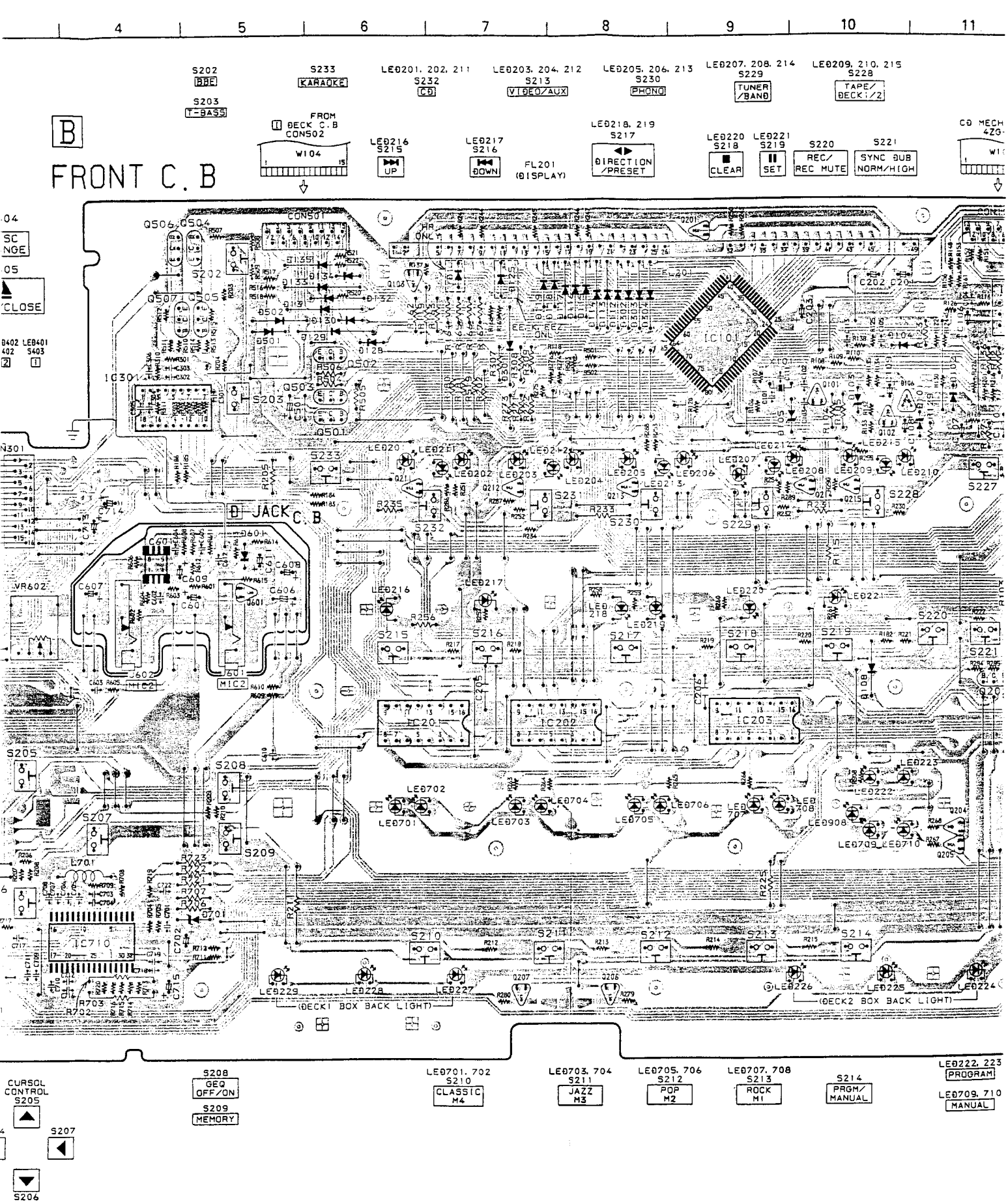
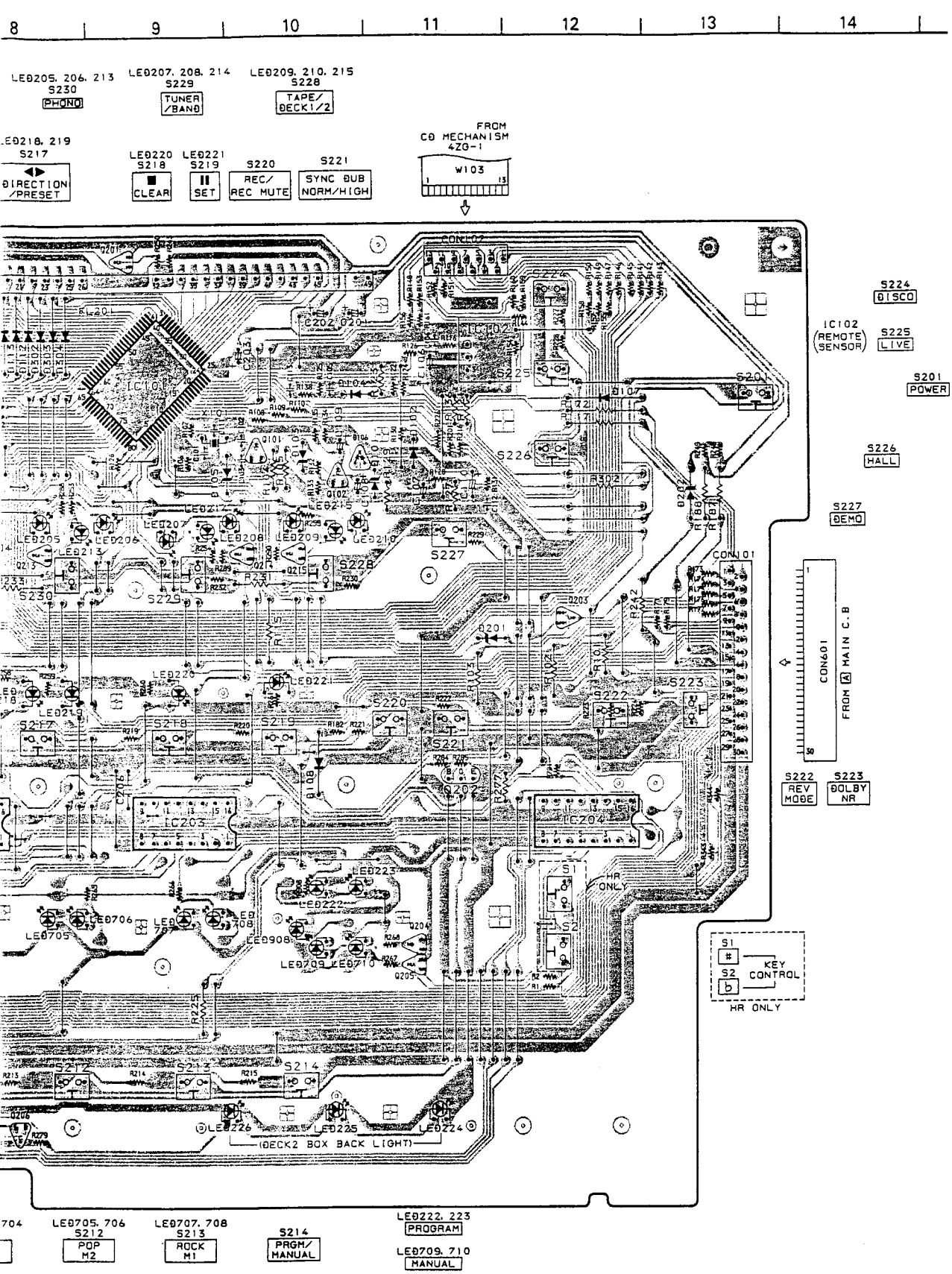
WIRING-3 (FRONT)




4
5
6
7
8
9
10
11
S202
BBE
S203
T-BASS
S233
KARAOKE
LED201, 202, 211
S232
CD
LED203, 204, 212
S213
VIDEO/AUX
LED205, 206, 213
S230
PHONO
LED207, 208, 214
S229
TUNER /BAND
LED209, 210, 215
S228
TAPE/ DECK1/2
B
FRONT C.B
FROM
DECK C.B
CON502
W104
LED216
S215
UP
LED217
S216
DOWN
FL201
(DISPLAY)
LED218, 219
S217
DIRECTION /PRESET
LED220
S218
CLEAR
LED221
S219
SET
S220
REC/ REC MUTE
S221
SYNC DUB NORM/HIGH
CD MECH
4ZG
CON501
JACK C.B
IC101
IC201
IC202
IC203
IC204
IC710
IC301
S205
S206
S207
S208
S209
S210
S211
S212
S213
S214
S215
S216
S217
S218
S219
S220
S221
S227
S228
S229
S230
S231
S232
S233
LED201
LED202
LED203
LED204
LED205
LED206
LED207
LED208
LED209
LED210
LED211
LED212
LED213
LED214
LED215
LED216
LED217
LED218
LED219
LED220
LED221
LED222
LED223
LED224
LED225
LED226
LED227
LED228
LED229
LED701
LED702
LED703
LED704
LED705
LED706
LED707
LED708
LED709
LED710
LED908
(DECK1 BOX BACK LIGHT)
(DECK2 BOX BACK LIGHT)
MIC1
MIC2
VR602
L701
CURSOL CONTROL S205
S208 GEQ OFF/ON
S209 MEMORY
LED701, 702 S210 CLASSIC M4
LED703, 704 S211 JAZZ M3
LED705, 706 S212 POP M2
LED707, 708 S213 ROCK M1
S214 PRGM/ MANUAL
LED222, 223 PROGRAM
LED709, 710 MANUAL



NOTE:
PIN CONNECTION OF THE FOLLOWING TRANSISTORS.
Q101~103,
Q201,203~207,211~215,601

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SCHEMATIC DIAGRAM-3 (FRONT)

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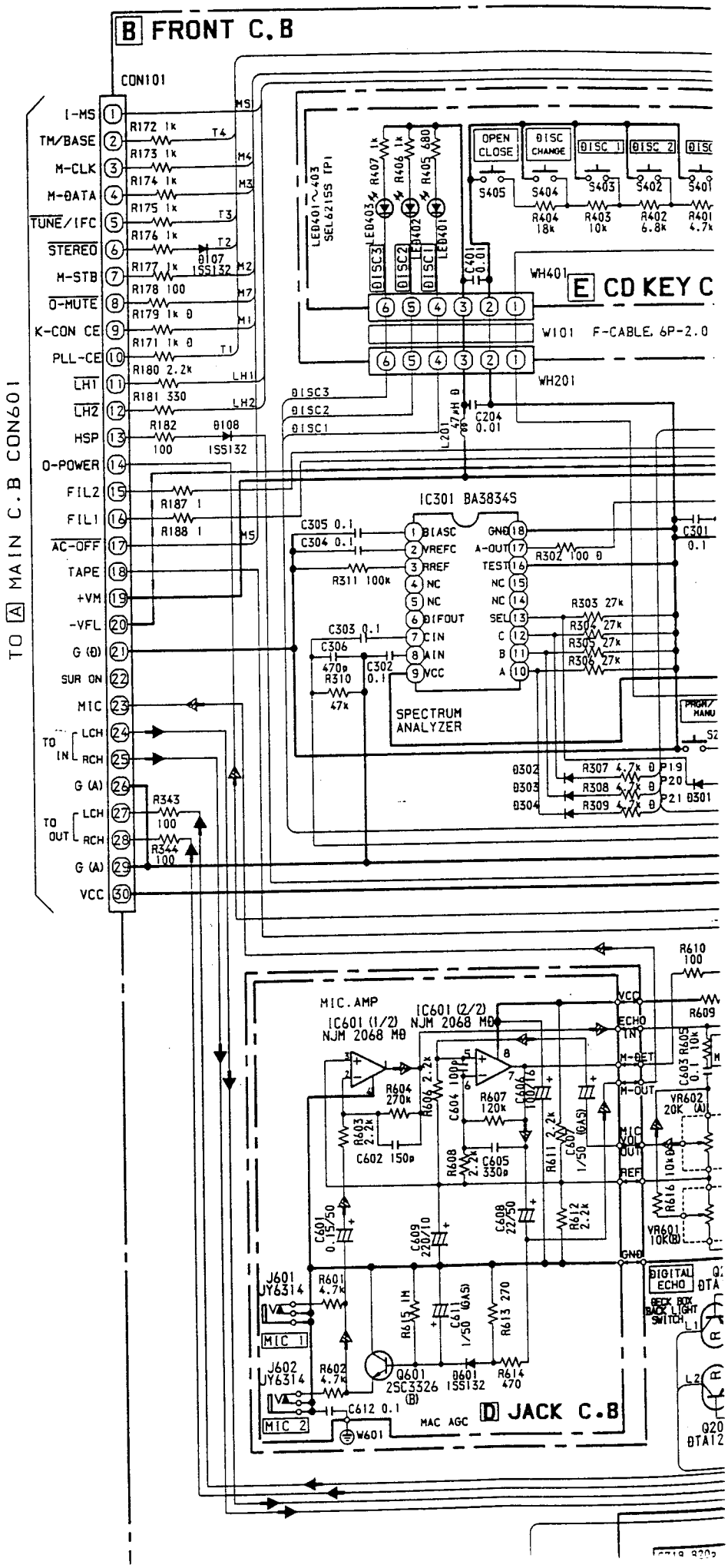
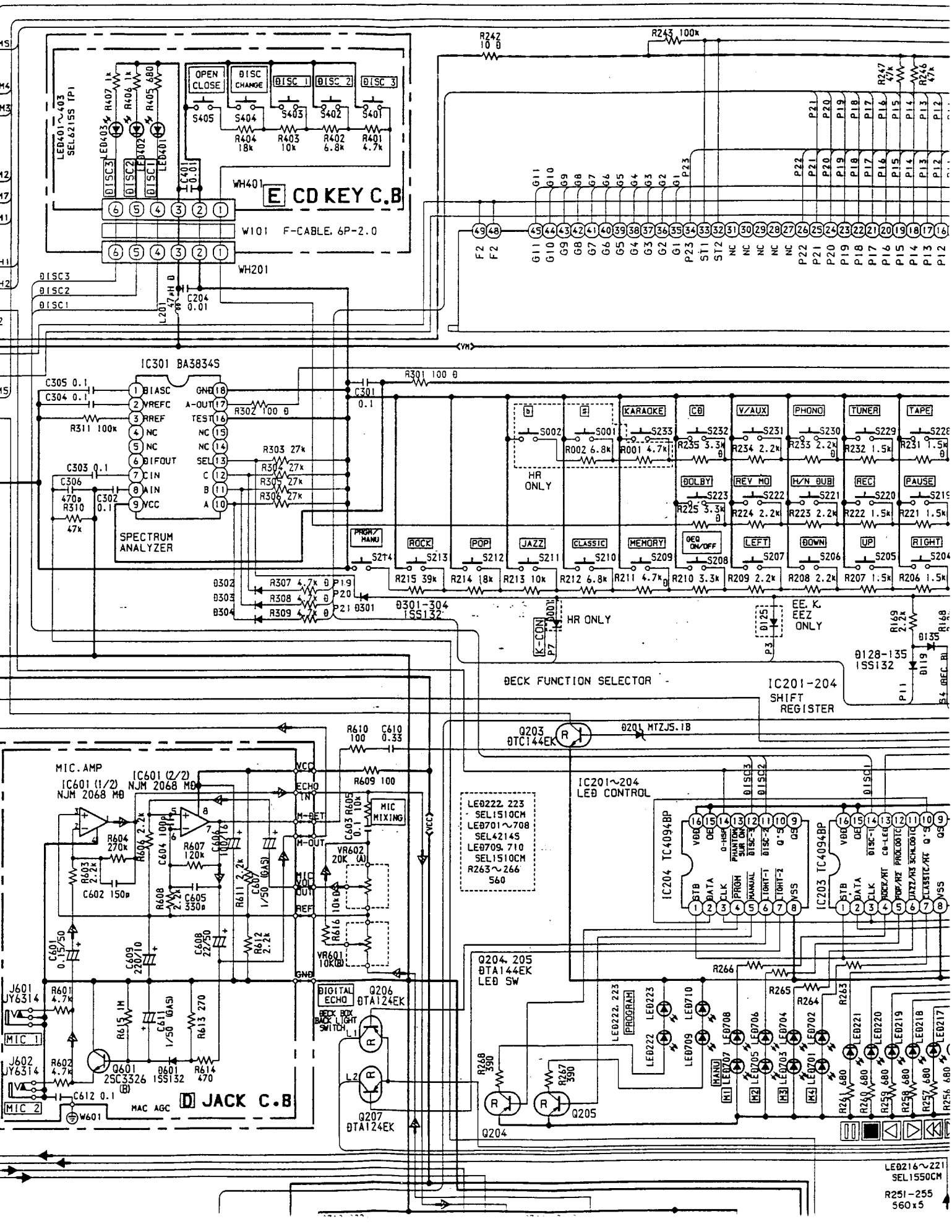
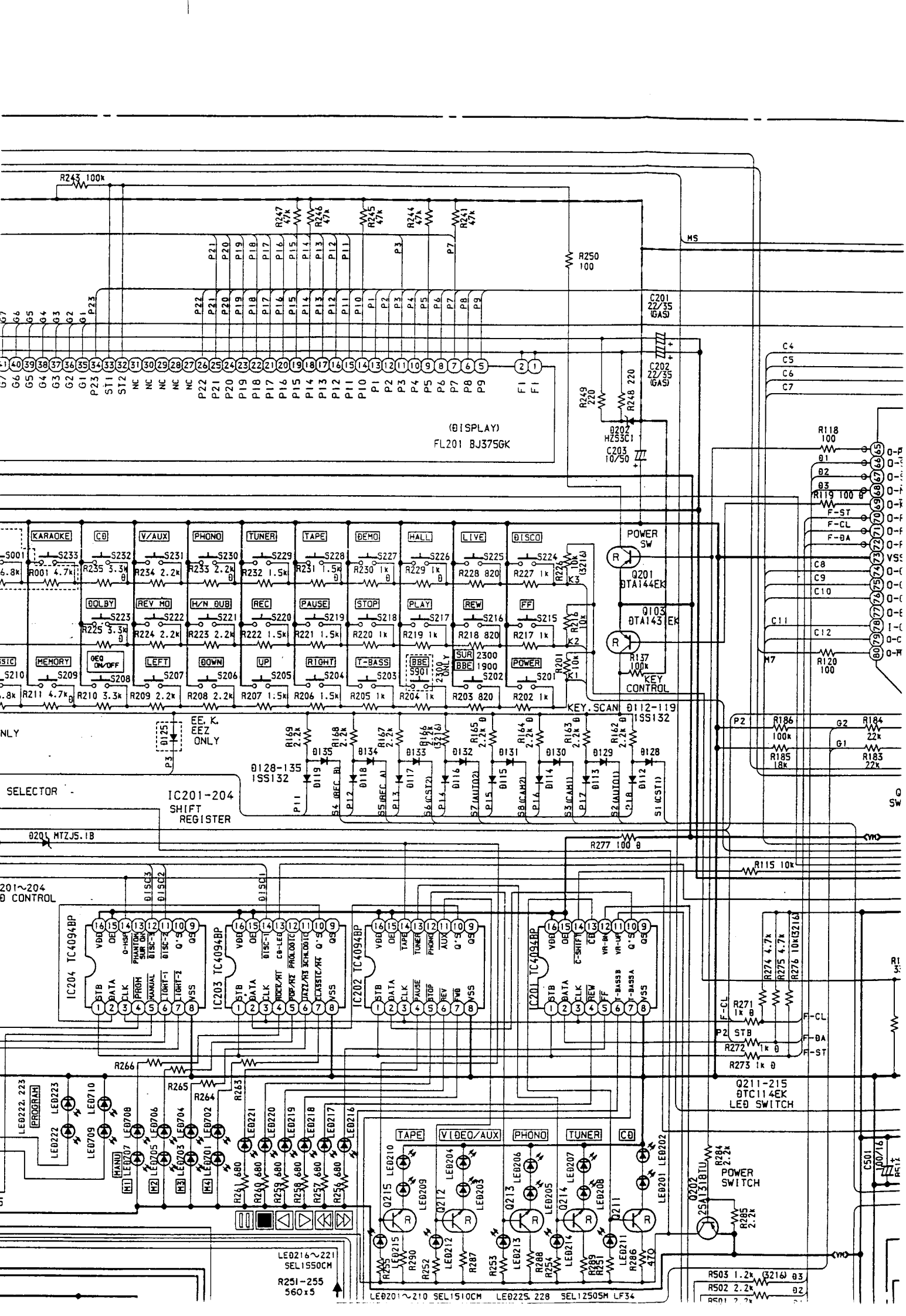


AIWA 1597

C.B


E CD KEY C.B
WH401
W101 F-CABLE. 6P-2.0
WH201
IC301 BA3834S
SPECTRUM ANALYZER
HR ONLY
EE. K. EEZ ONLY
DECK FUNCTION SELECTOR
IC201-204 SHIFT REGISTER
IC201~204 LED CONTROL
IC204 TC4094BP
IC203 TC4094BP
MIC. AMP
IC601 (1/2) NJM 2068 MD
IC601 (2/2) NJM 2068 MD
D JACK C.B
Q203 DTC144EK
Q204, 205 DTA144EK LED SW
Q206 DTA124EK
Q207 DTA124EK
Q601 2SC3326
LED222, 223 SEL1510CM
LED701~708 SEL4214S
LED709, 710 SEL1510CM
R263~266 560
LED216~221 SEL1550CM
R251~255 560x5


R243 100k
R247 47k
R246 47k
R245 47k
R244 47k
R241 47k
R250 100
C201 22/35 (GAS)
C202 22/35 (GAS)
C203 10/50
R249 220
R248 220
Q202 HZ5SC1
(DISPLAY)
FL201 BJ375GK
KARAOKE
CD
V/AUX
PHONO
TUNER
TAPE
DEMO
HALL
LIVE
DISCO
DOLBY
REV MO
H/N DUB
REC
PAUSE
STOP
PLAY
REW
FF
MEMORY
EQ ON/OFF
LEFT
DOWN
UP
RIGHT
T-BASS
BBE
SUR
POWER
POWER SW
Q201 DTA144EK
Q103 DTA143EK
R137 100k
KEY CONTROL
KEY.SCAN 0112-119
1SS132
EE. K. EEZ ONLY
D128-135 1SS132
IC201-204 SHIFT REGISTER
SELECTOR
D201 MTZJ5.1B
R277 100 0
R115 10k
IC204 TC4094BP
IC203 TC4094BP
IC202 TC4094BP
IC201 TC4094BP
R266
R265
R264
R263
LED222, 223 PROGRAM
LED222 LED223
LED709 LED710
LED707 LED708
LED705 LED706
LED703 LED704
LED701 LED702
LED221 LED220 LED219 LED218 LED217 LED216
R241 680
R260 680
R259 680
R258 680
R257 680
R256 680
TAPE
VIDEO/AUX
PHONO
TUNER
CD
Q215 LED210 LED209
Q212 LED204 LED203
Q213 LED206 LED205
Q214 LED207 LED208
Q211 LED201 LED202
Q202 2SA1318TU
POWER SWITCH
R284 2.2k
R285 2.2k
Q211-215 DTC114EK LED SWITCH
R271 1k 0
R272 1k 0
R273 1k 0
R274 4.7k
R275 4.7k
R276 10k(3216)
F-CL
F-DA
F-ST
R118 100
R119 100 0
R120 100
R186 100k
R185 18k
R184 22k
R183 22k
C501 100/16
LED216~221 SEL1550CM
R251-255 560x5
LED201~210 SEL1510CM
LED225, 228 SEL12505M LF34
R503 1.2k (3216) 03
R502 2.2k 02

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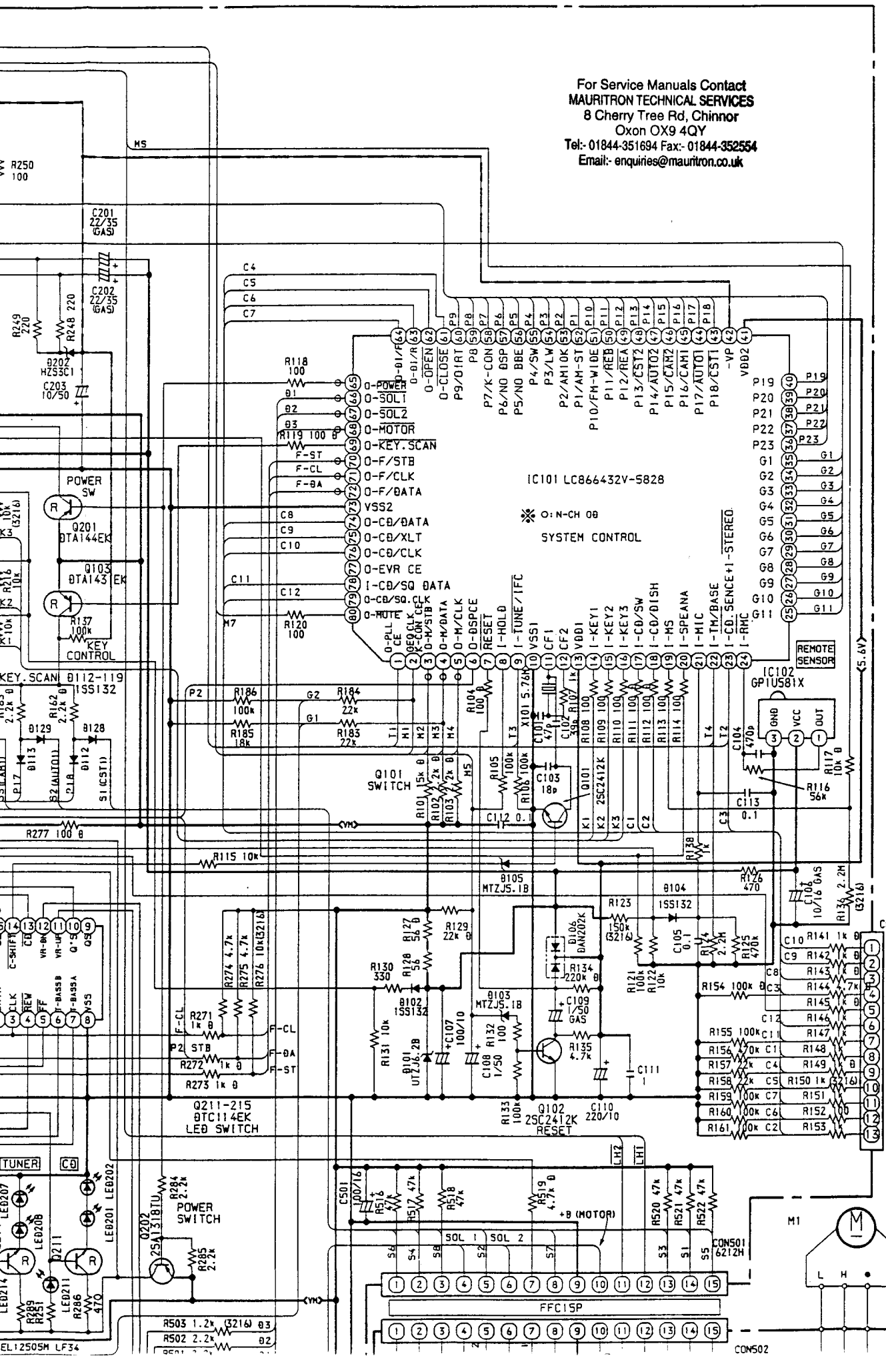

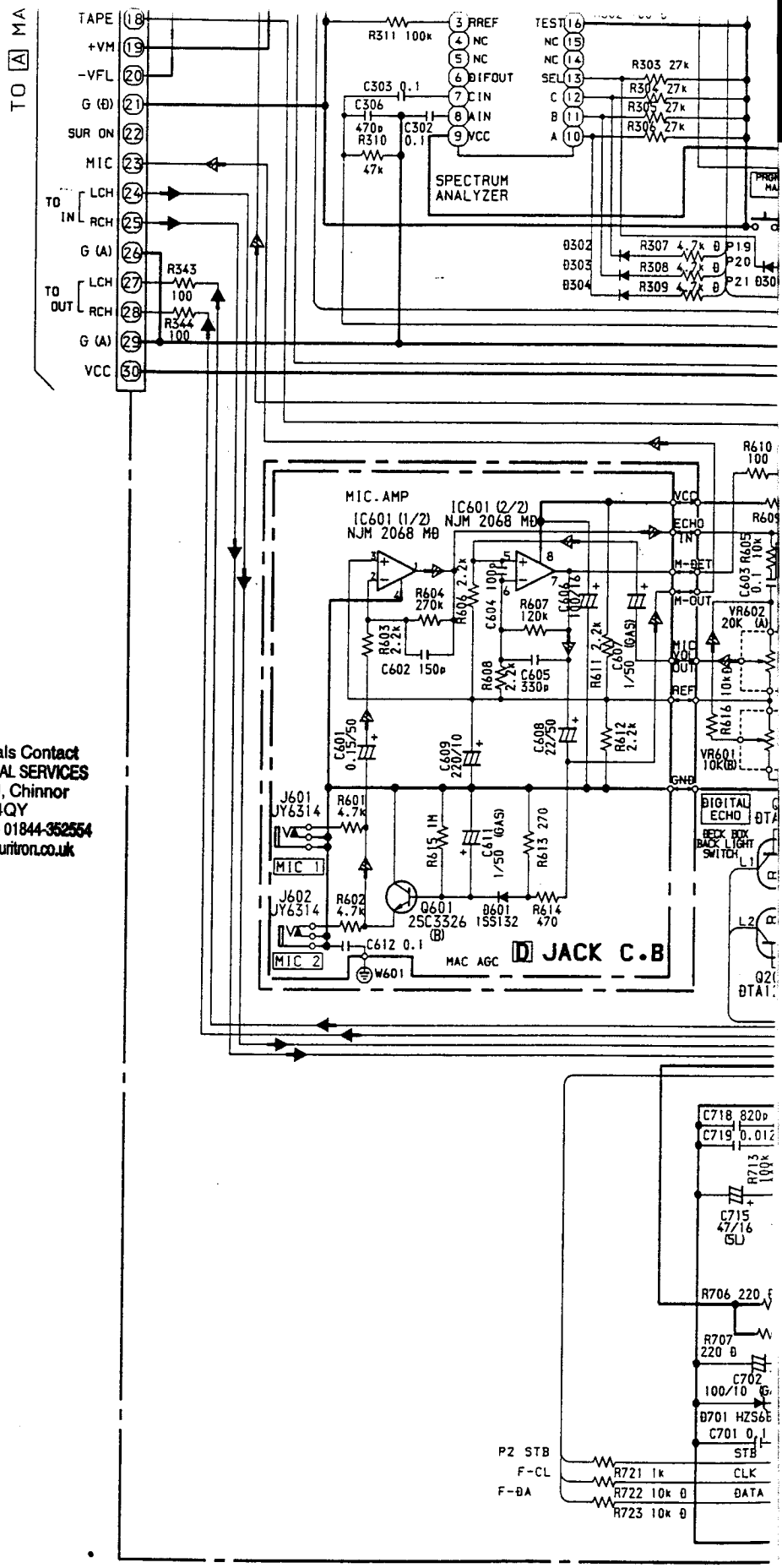

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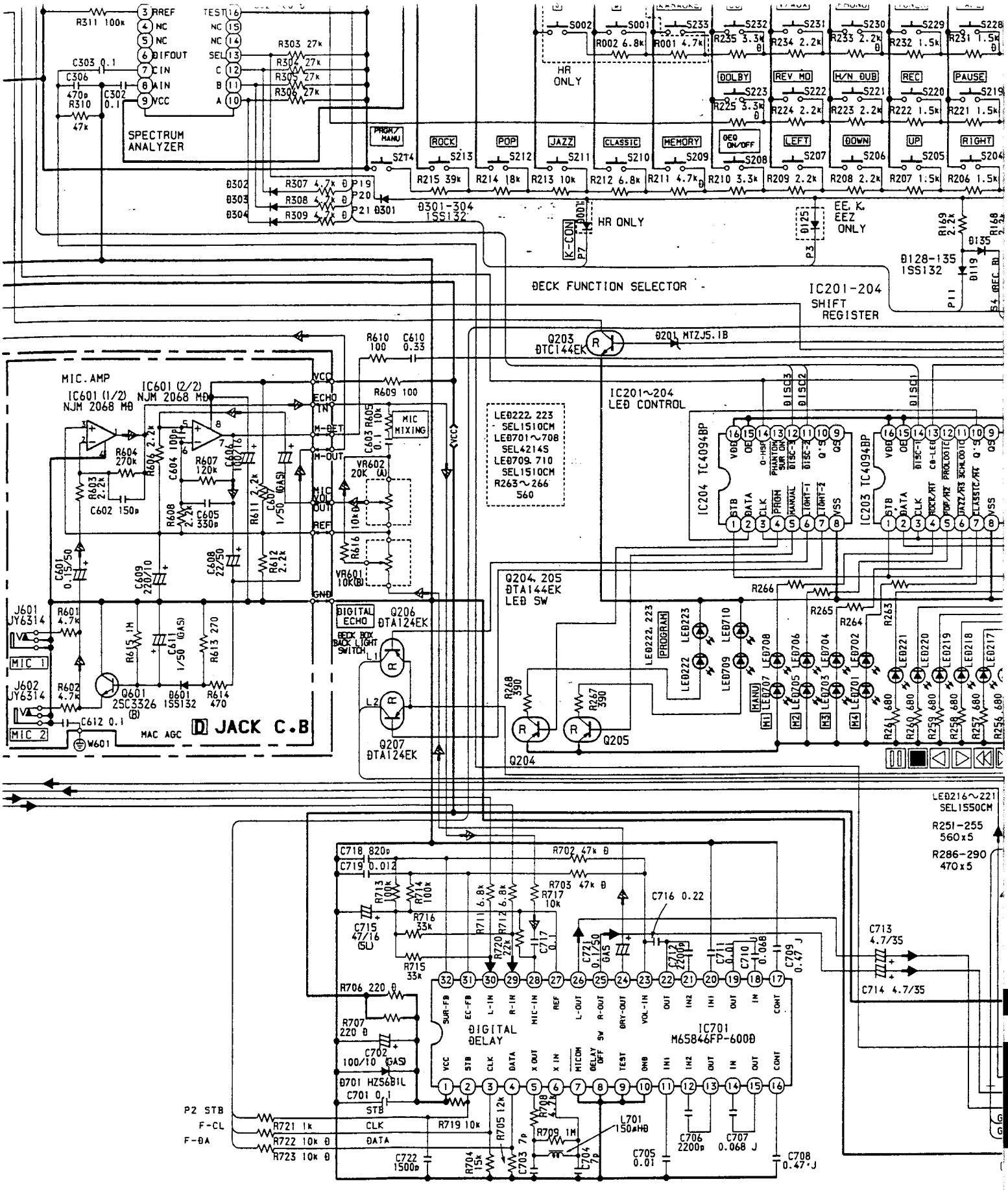
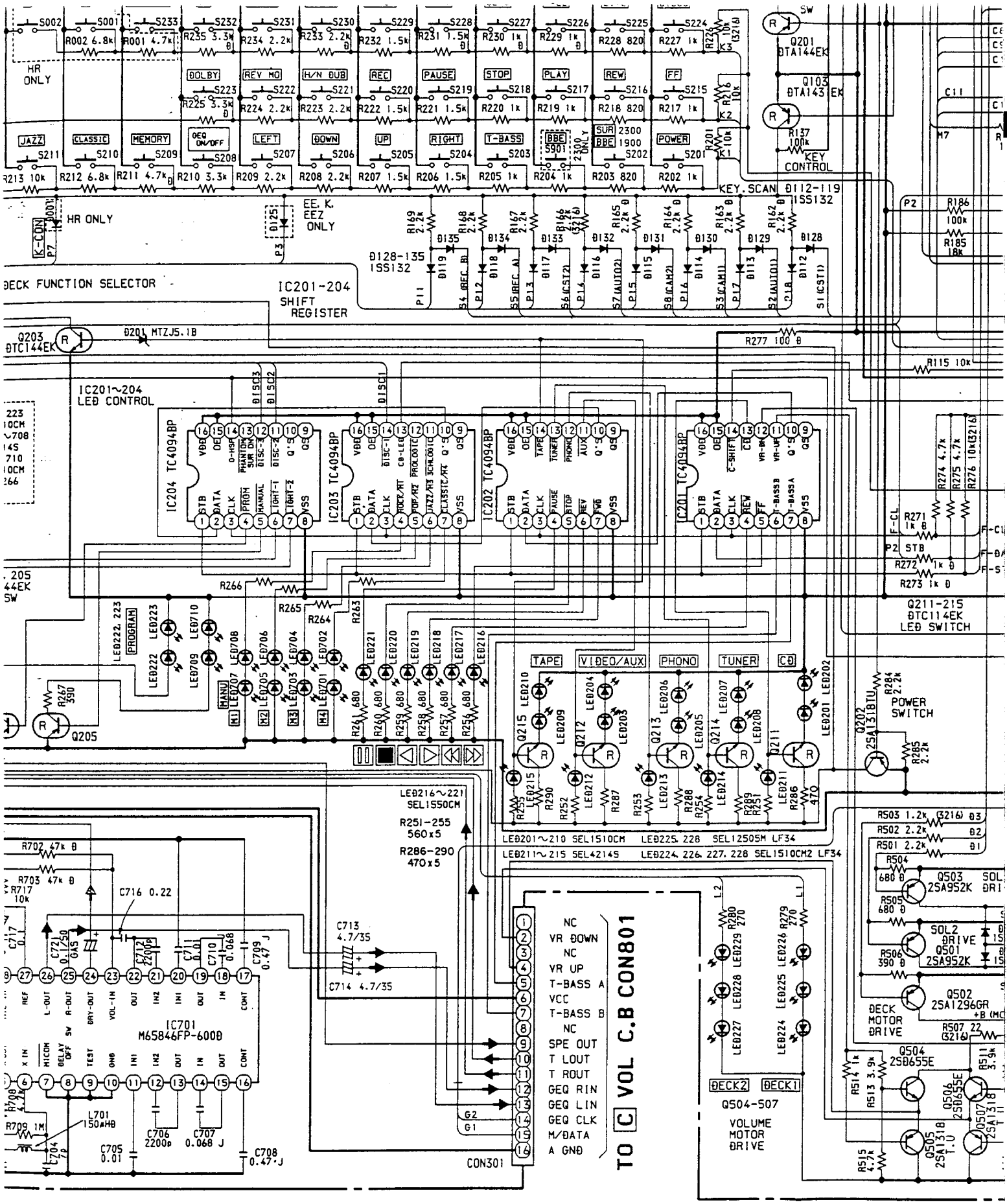
AVM 1597


SPECTRUM ANALYZER
HR ONLY
DECK FUNCTION SELECTOR
IC201-204 SHIFT REGISTER
EE, K, EEZ ONLY
MIC. AMP
IC601 (1/2) NJM 2068 MD
IC601 (2/2) NJM 2068 MD
MIC MIXING
IC201~204 LED CONTROL
IC204 TC4094BP
IC203 TC4094BP
Q204, 205 DTA144EK LED SW
Q206 DTA124EK
Q207 DTA124EK
Q203 DTC144EK
DIGITAL ECHO
DECK BOX BACK LIGHT SWITCH
JACK C.B
MAC AGC
DIGITAL DELAY
IC701 M65846FP-600D
LED216~221 SEL1550CM
R251-255 560x5
R286-290 470x5
P2 STB
F-CL
F-DA
CLK
DATA
STB



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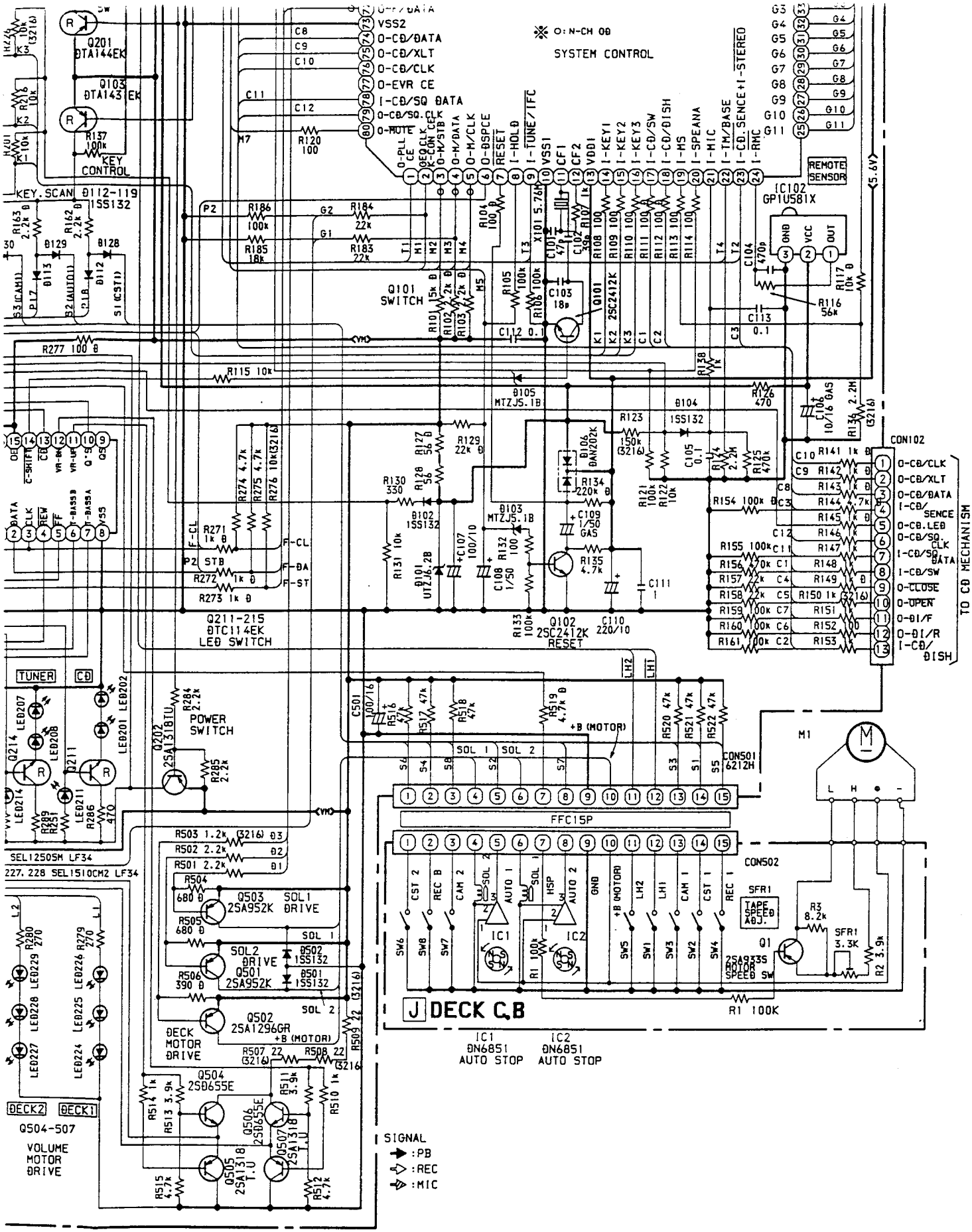
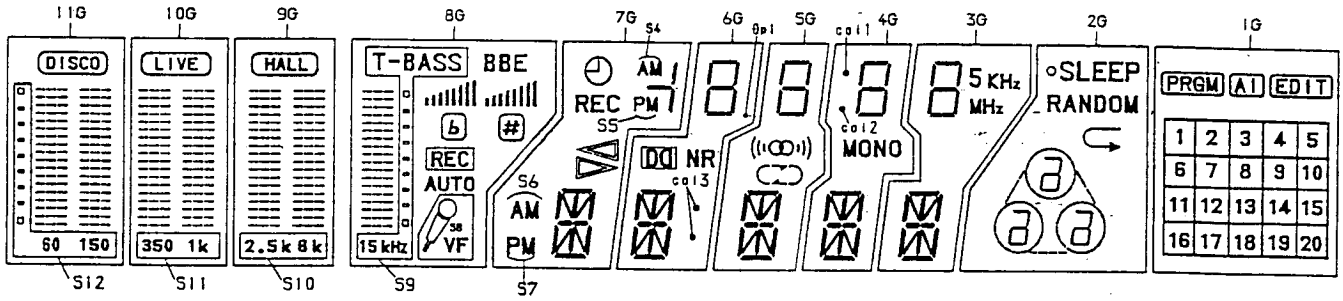
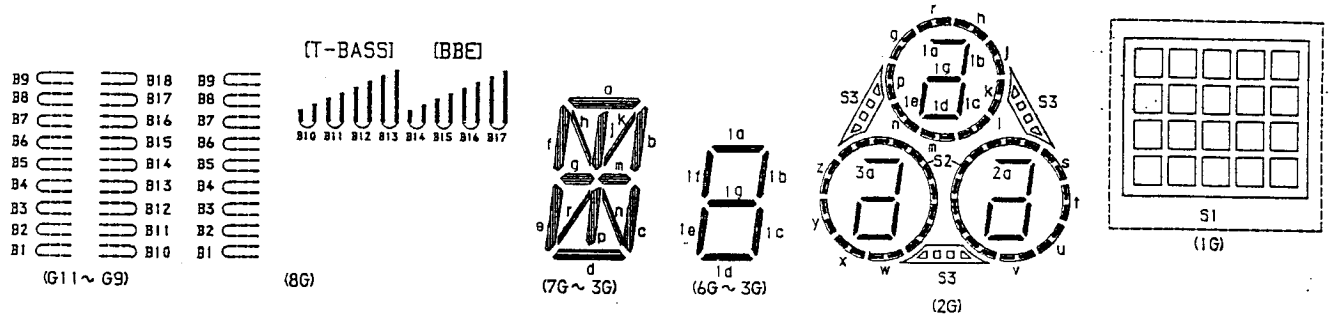

SYSTEM CONTROL
KEY CONTROL
KEY.SCAN
REMOTE SENSOR
IC102 GP1U581X
Q101 SWITCH
POWER SWITCH
Q211-215 ØTC114EK LEØ SWITCH
Q102 2SC2412K RESET
CON102
TO CD MECHANISM 4ZG-1
CON501 6212H
CON502
FFC15P
SOL 1
SOL 2
+B (MOTOR)
J DECK C.B
IC1 ØN6851 AUTO STOP
IC2 ØN6851 AUTO STOP
ØECK MOTOR ØRIVE
Q504-507 VOLUME MOTOR ØRIVE
SIGNAL :PB :REC :MIC

FL (BJ375GK) GRID ASSIGNMENT／ANODE CONNECTION

GRID ASSIGNMENT

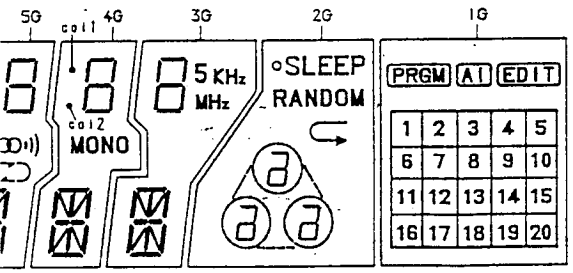


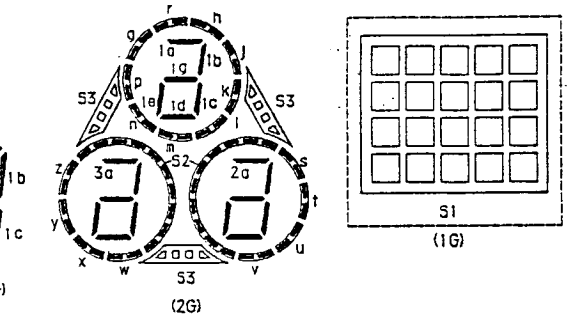


ANODE CONNECTION

	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	B10	B10	B10	♭ ♯	d	d	d	d	d	s, t w, x	**20**
P2	B1	B1	B1	B1	j, p	j, p	j, p	j, p	j, p	u, v y, z	**19**
P3	B11	B11	B11	S8	n	n	n	n	n	3e	**18**
P4	B2	B2	B2	B2	r	r	r	r	r	3c	**17**
P5	B12	B12	B12	(♭)	c	c	c	c	c	3a,3d,3g	**16**
P6	B3	B3	B3	B3	e	e	e	e	e	3b	**15**
P7	B13	B13	B13	(#)	m	m	m	m	m	2e	**14**
P8	B4	B4	B4	B4	g	g	g	g	g	2c	**13**
P9	B5	B5	B5	B5	f	f	f	f	f	2a.2d.2g	**11**
P10	B15	B15	B15	**AUTO**	b	b	b	b	b	S3	**10**
P11	B6	B6	B6	B6	k	k	k	k	k	j, m, q	**9**
P12	B16	B16	B16	B10	h	h	h	h	h	h, l, p	**8**
P13	B7	B7	B7	B7	a	a	a	a	a	k, n, r	**7**
P14	B14	B14	B14	REC	S7	col3	☾	col1	**kHz**	2b	**12**
P15	B17	B17	B17	B11	S6	DOLBY NR	((◎))	**MONO**	**5**	1e	**6**
P16	B8	B8	B8	B8	▷	Dp1	☽	col2	**MHz**	1a,1d,1g	**5**
P17	B18	B18	B18	B12	◁	1d	1d	1d	1d	1c	**4**
P18	B9	B9	B9	B9	**REC**	1e	1e	1e	1e	1b	**3**
P19	▭	▭	▭	B13	S5	1c	1c	1c	1c	○	**2**
P20	—	—	—	B14	—	1g	1g	1g	1g	S2	**1**
P21	—	—	—	B15	/	1f	1f	1f	1f	↩	EDIT
P22	—	—	—	B16	🕘	1b	1b	1b	1b	**SLEEP**	AI
P23	**DISCO**	**LIVE**	**HALL**	B17	S4	1a	1a	1a	1a	**RANDOM**	PRGM
P24	S12	S11	S10	S9	—	—	▲▼	—	—	—	S1
P25	—	—	—	**BBE**	—	—	—	—	—	—	—

CTION





	5G	4G	3G	2G	1G
	d	d	d	s, t w, x	20
	j, p	j, p	j, p	u, v y, z	19
	n	n	n	3e	18
	r	r	r	3c	17
	c	c	c	3a,3d,3g	16
	e	e	e	3b	15
	m	m	m	2e	14
	g	g	g	2c	13
	f	f	f	2a.2d.2g	11
	b	b	b	S3	10
	k	k	k	j, m, q	9
	h	h	h	h, l, p	8
	a	a	a	K, n, r	7
	coil	kHz		2b	12
	MONO	5		1e	6
	coil2	MHz		1a,1d,1g	5
	1d	1d	1d	1c	4
	1e	1e	1e	1b	3
	1c	1c	1c	○	2
	1g	1g	1g	S2	1
	1f	1f	1f		EDIT
	1b	1b	1b	SLEEP	AI
	1a	1a	1a	RANDOM	PRGM
		—	—	—	S1
	—	—	—	—	—

SCHEMATIC DIAGRAM-4 (VOLUME)

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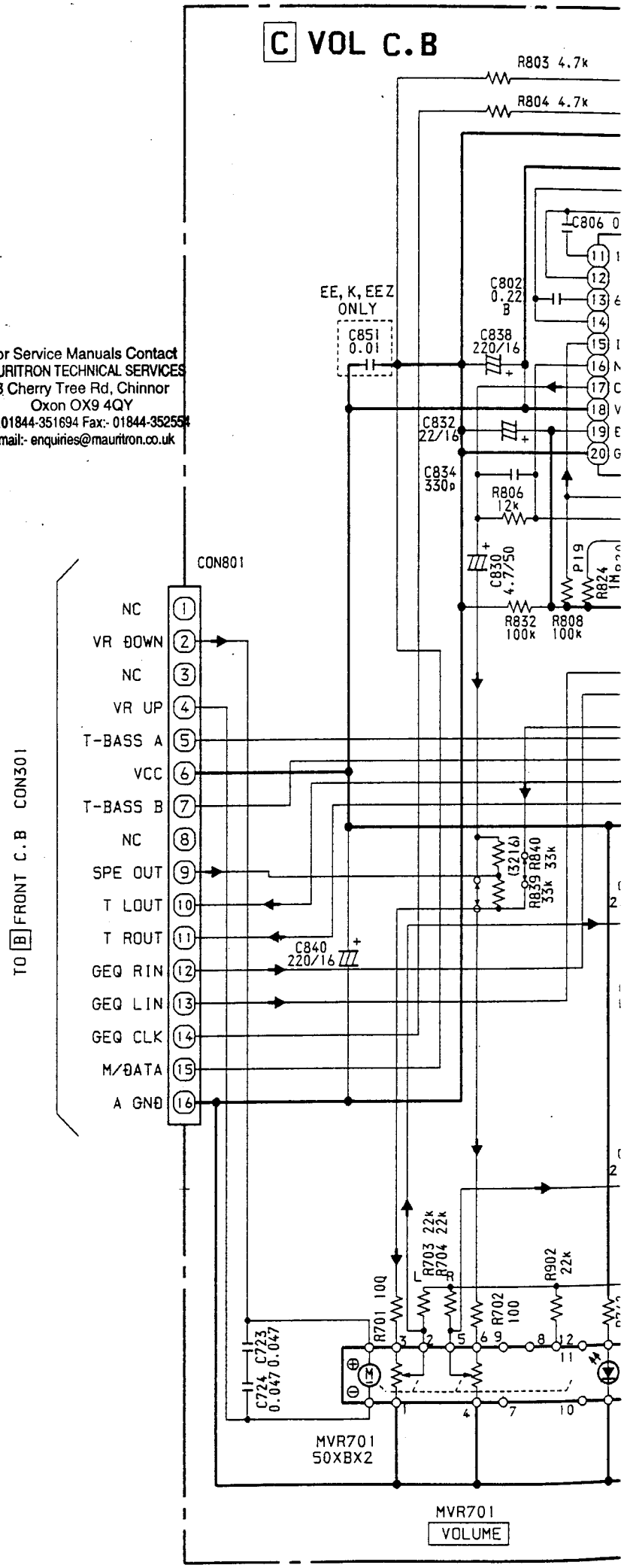
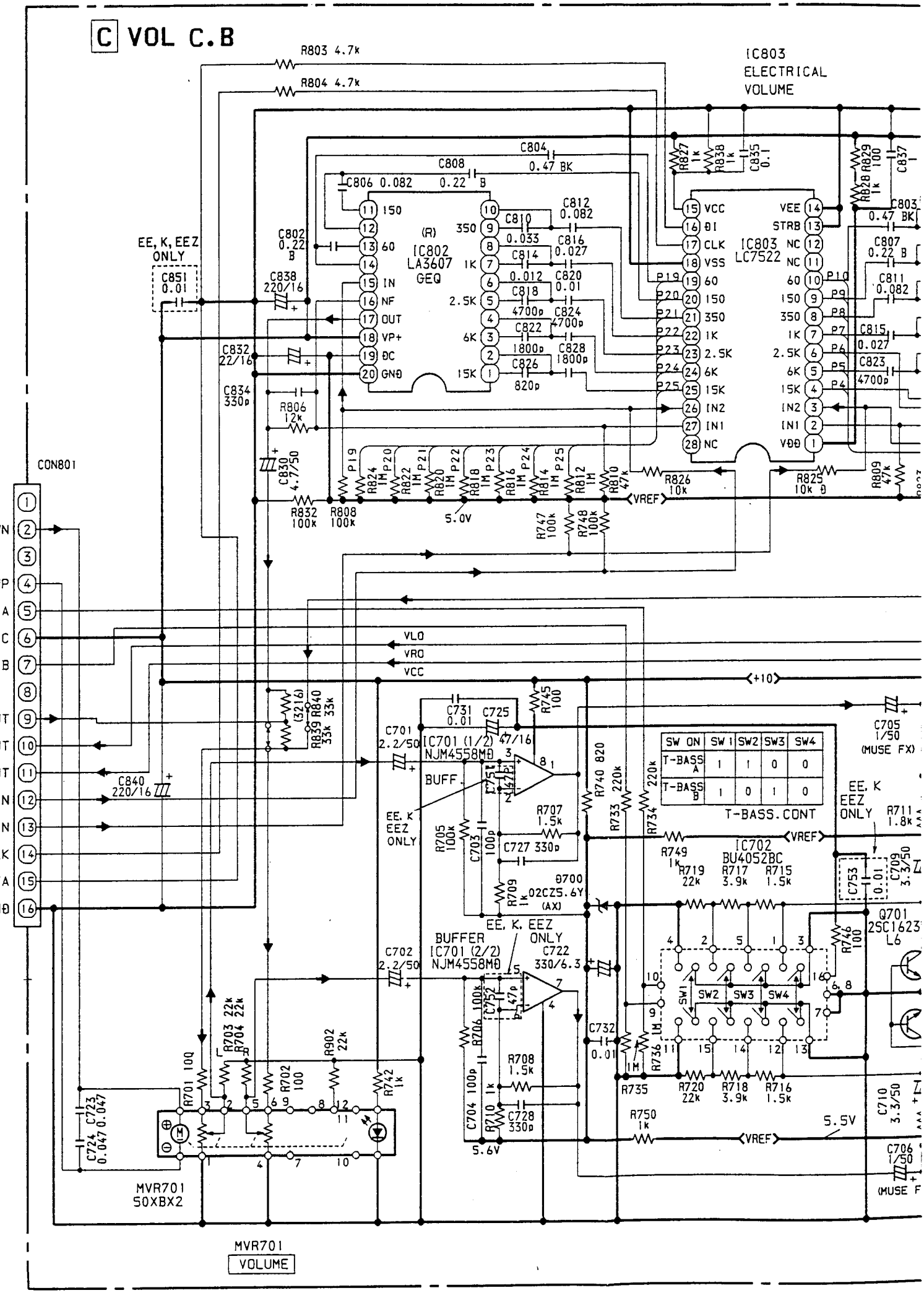
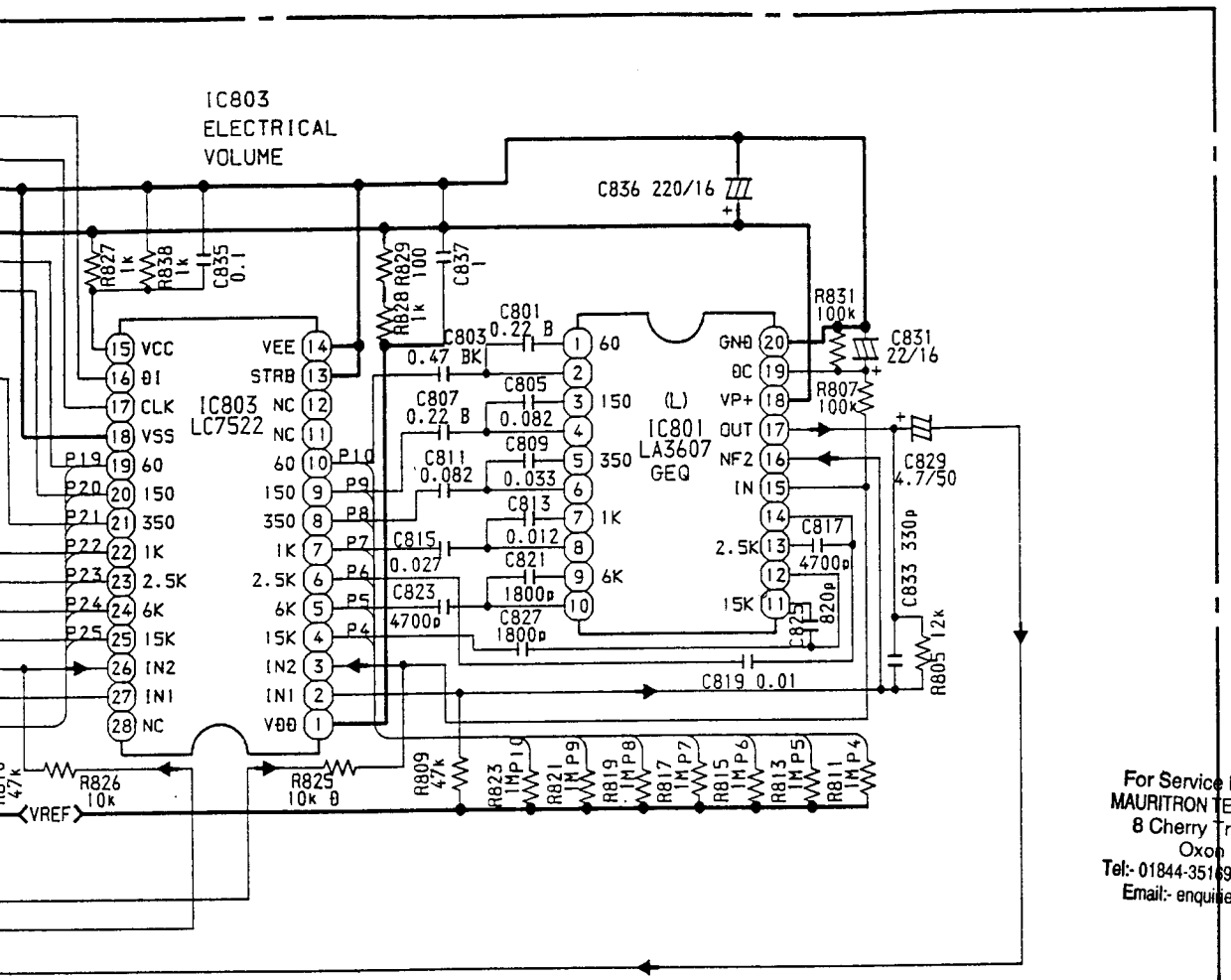



C VOL C.B
IC803
ELECTRICAL
VOLUME
R803 4.7k
R804 4.7k
IC802
LA3607
GEQ
IC803
LC7522
CON801
EE, K, EEZ
ONLY
C851
0.01
C838
220/16
C832
22/16
C834
330p
R806
12k
C830
4.7/50
R832
100k
R808
100k
5.0V
R826
10k
R825
10k B
VREF
VLO
VRO
VCC
+10
C731
0.01
C725
R745
100
C701
2.2/50
IC701 (1/2)
NJM4558MB
47/16
BUFF.
R740 820
R733 220k
R734 220k
C705
1/50
(MUSE FX)
SW ON
SW1
SW2
SW3
SW4
T-BASS A
T-BASS B
T-BASS. CONT
EE. K
EEZ
ONLY
R711
1.8k
R707
1.5k
R705
100k
C703
100p
C727 330p
R749
1k
IC702
BU4052BC
R719
22k
R717
3.9k
R715
1.5k
C753
0.01
C709
3.3/50
D700
02CZ5.6Y
(AX)
EE. K. EEZ
ONLY
BUFFER
IC701 (2/2)
NJM4558MB
C722
330/6.3
C702
2.2/50
Q701
2SC1623
L6
R746
100
C732
0.01
R735
1M
R736
1M
R720
22k
R718
3.9k
R716
1.5k
R750
1k
5.5V
5.6V
C710
3.3/50
C706
1/50
(MUSE F
R703 22k
R704 22k
R902 22k
R701 10Ω
R702 100
R742 1k
C723
0.047
C724
0.047
MVR701
50XBX2
MVR701
VOLUME



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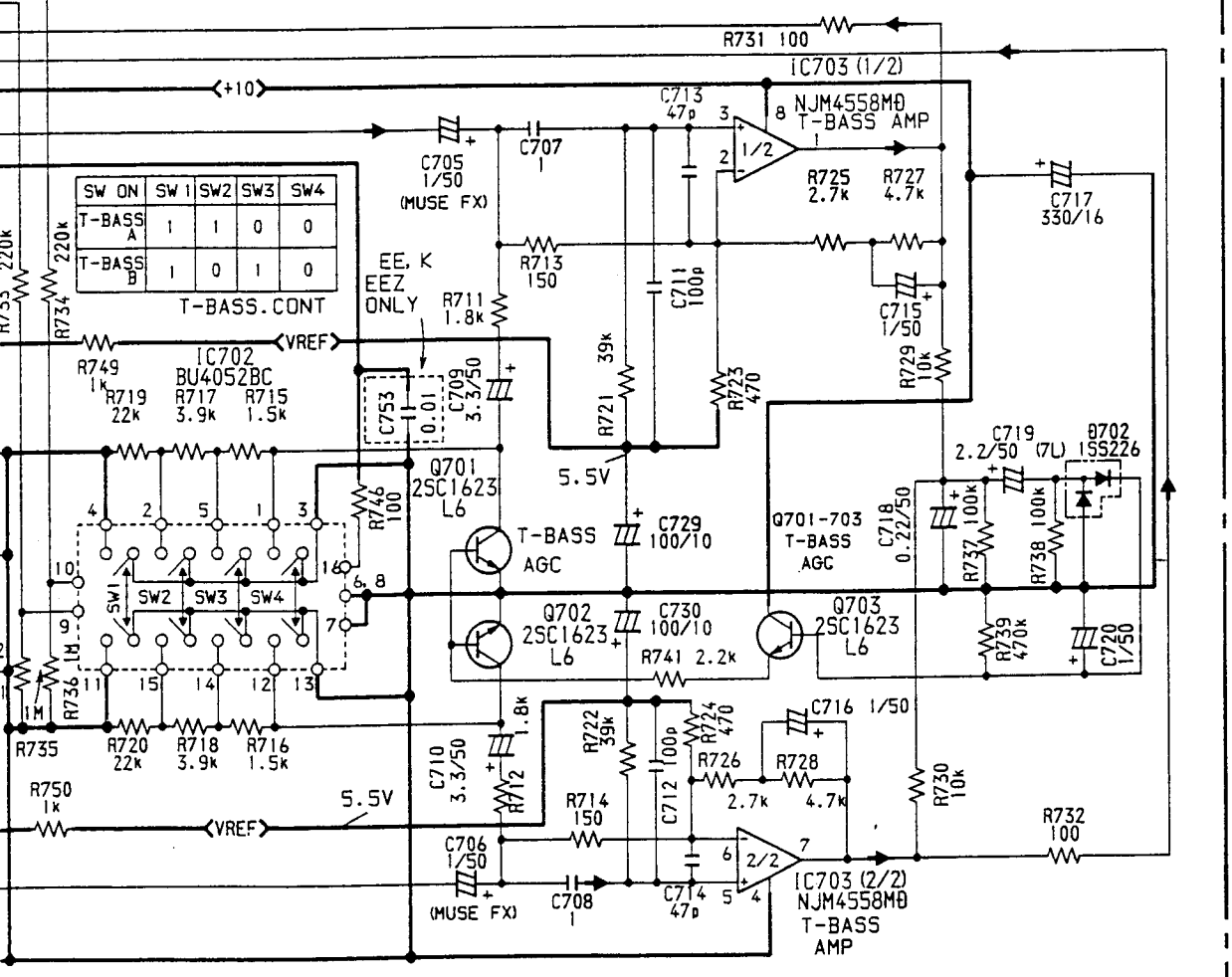
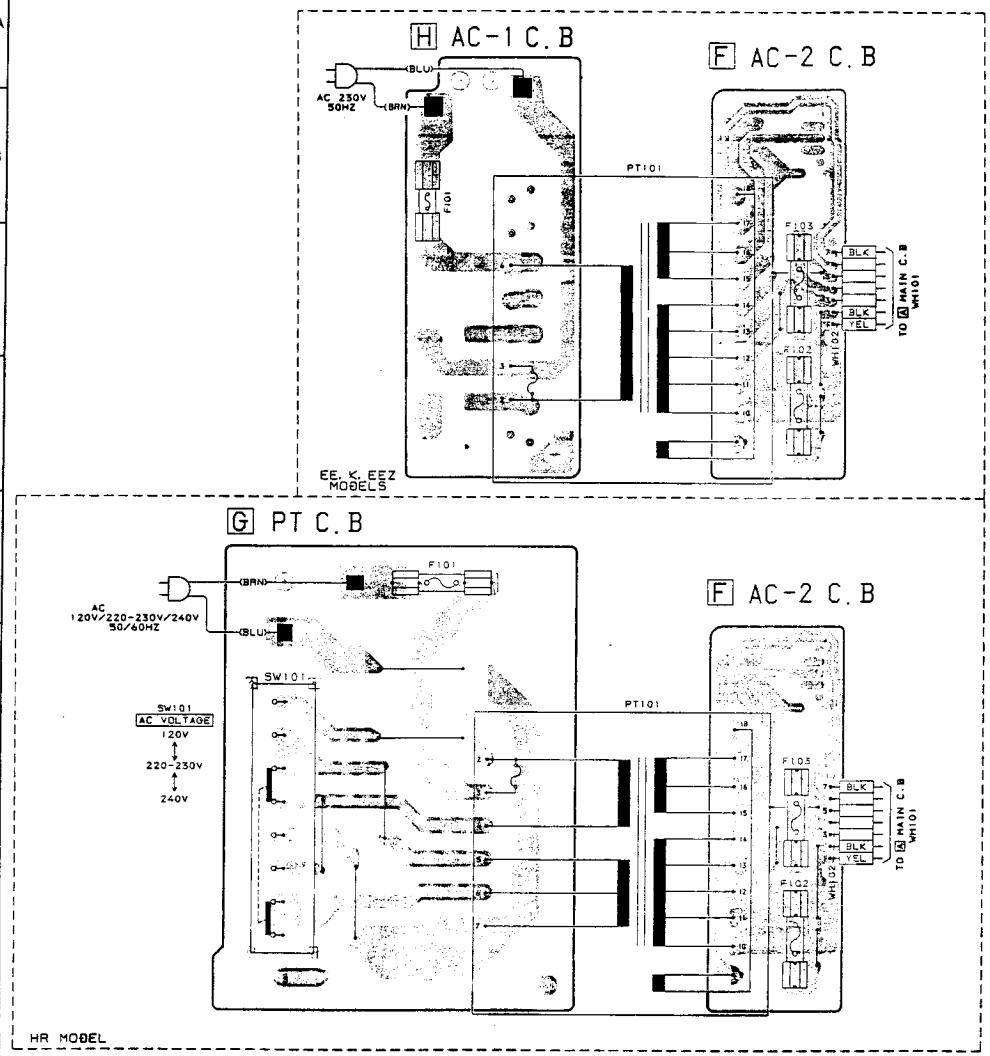
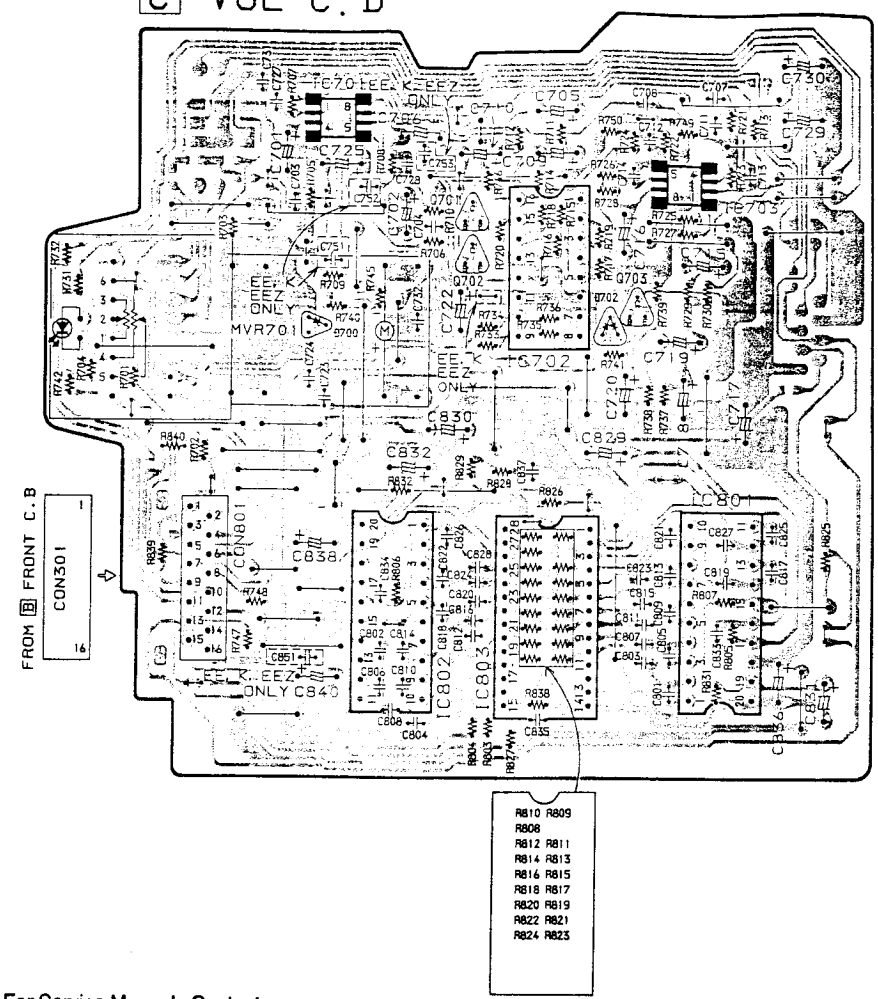


WIRING-4 (POWER／VOLUME)



MVR701
VOLUME



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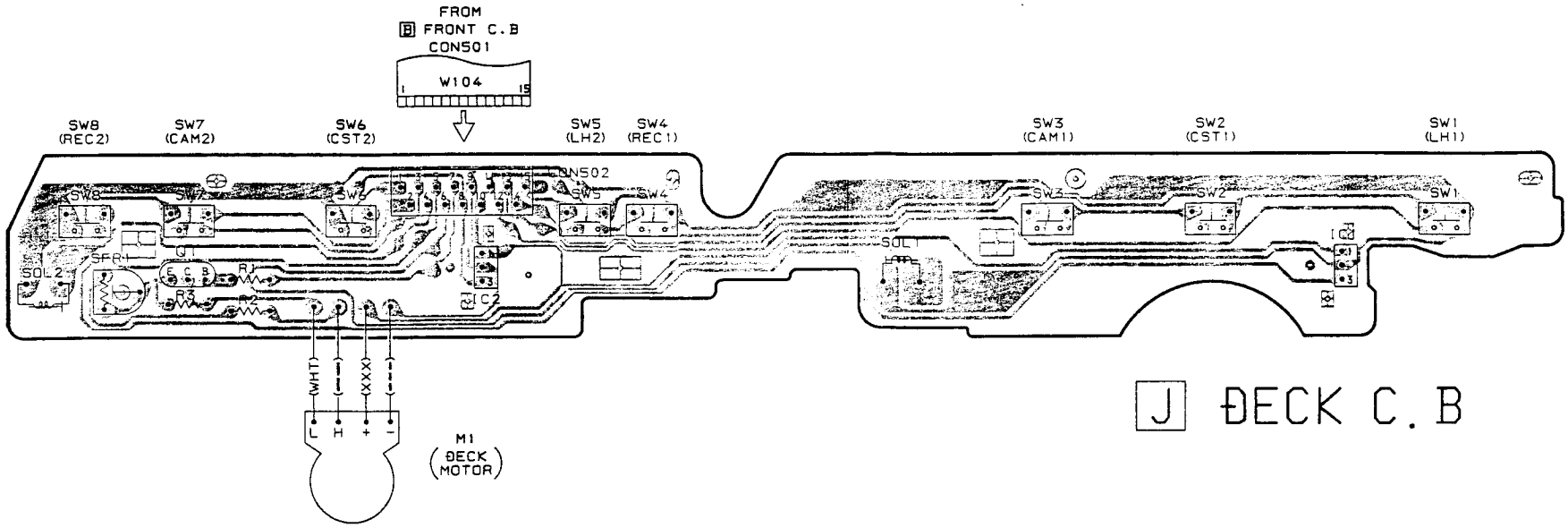
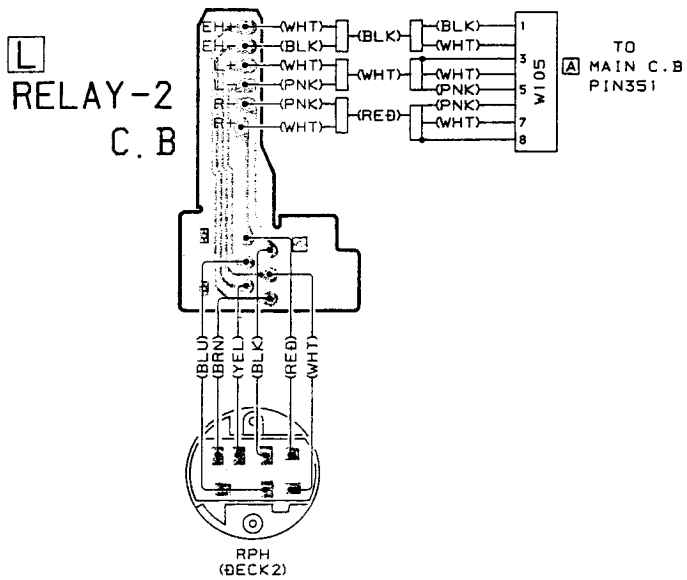
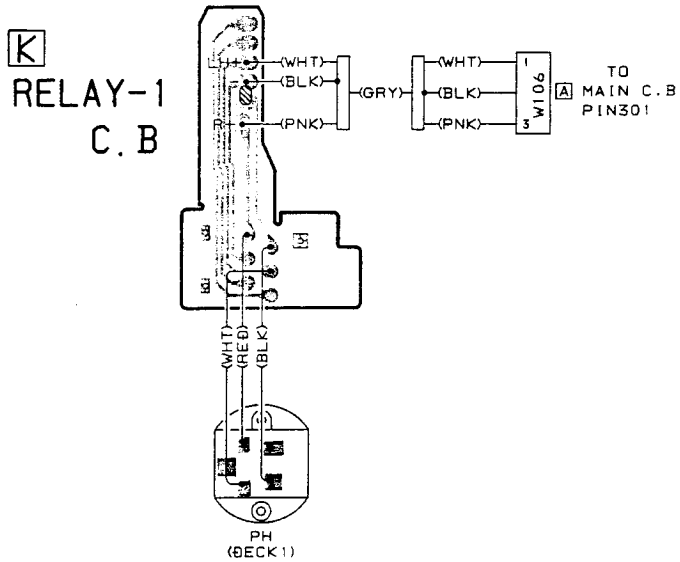

FROM
B FRONT C.B
CON501
W104
SW8 (REC2)
SW7 (CAM2)
SW6 (CST2)
SW5 (LH2)
SW4 (REC1)
SW3 (CAM1)
SW2 (CST1)
SW1 (LH1)
CN502
SOL2
SFR1
Q1
R1
R3
R2
C2
SOL1
(WHT)
L
H
+
-
M1
(DECK MOTOR)

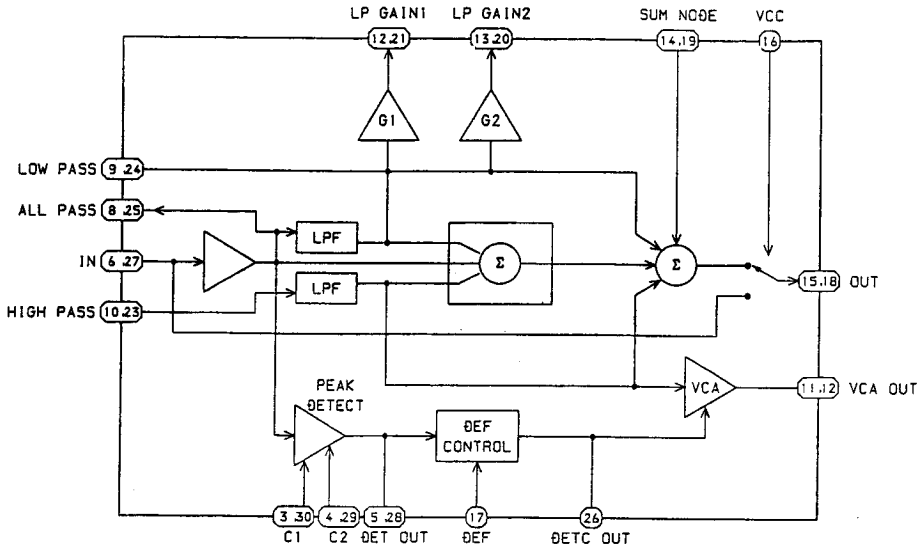
J DECK C.B


L
RELAY-2
C.B
(WHT)
(BLK)
(PNK)
(RED)
W105
TO
A MAIN C.B
PIN351
(BLU)
(BRN)
(YEL)
RPH
(DECK2)

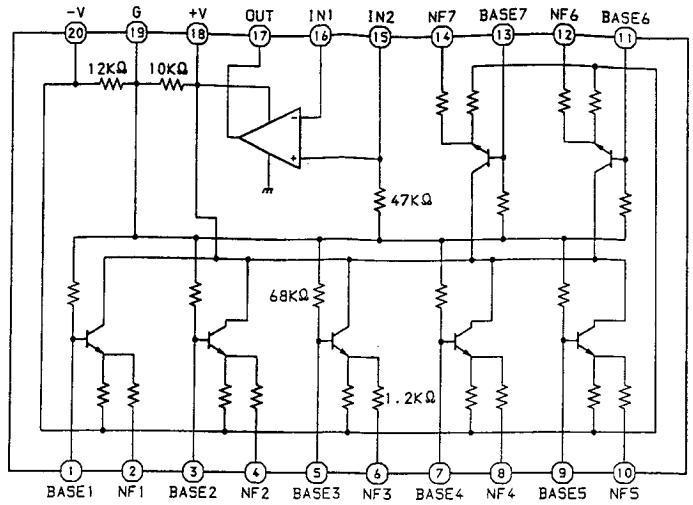

K
RELAY-1
C.B
(WHT)
(BLK)
(GRY)
(PNK)
(RED)
W106
TO
A MAIN C.B
PIN301
PH
(DECK1)

IC BLOCK DIAGRAM

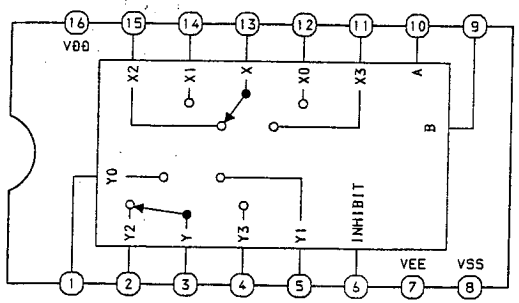
IC, XR1071CP



IC, LA3607



IC, TC4052

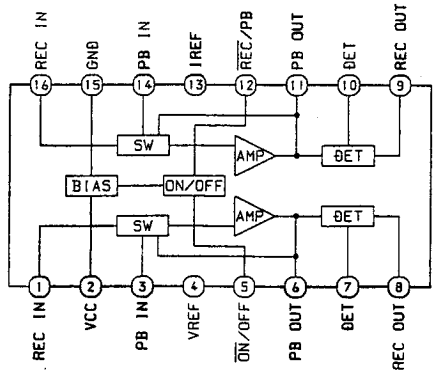


TRUTH TABLE

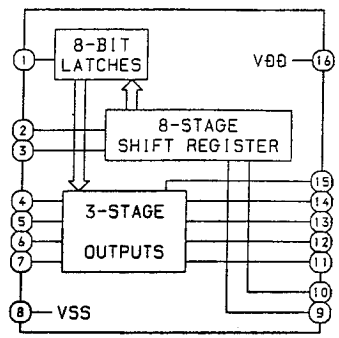
CONTROL INPUTS			ON SWITCH	
INHIBIT	B	A		
L	L	L	Y0	X0
L	L	H	Y1	X1
L	H	L	Y2	X2
L	H	H	Y3	X3
H	X	X	—	—

L:LOW LEVEL
H:HIGH LEVEL
H:IRRELEVANT

IC, HA12134A



IC, TC4094BP



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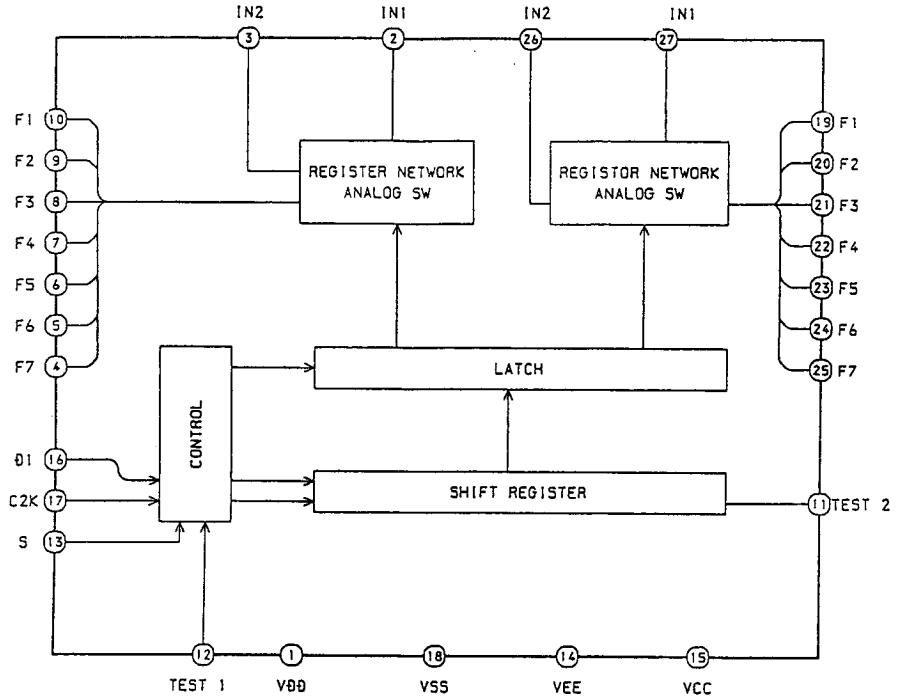
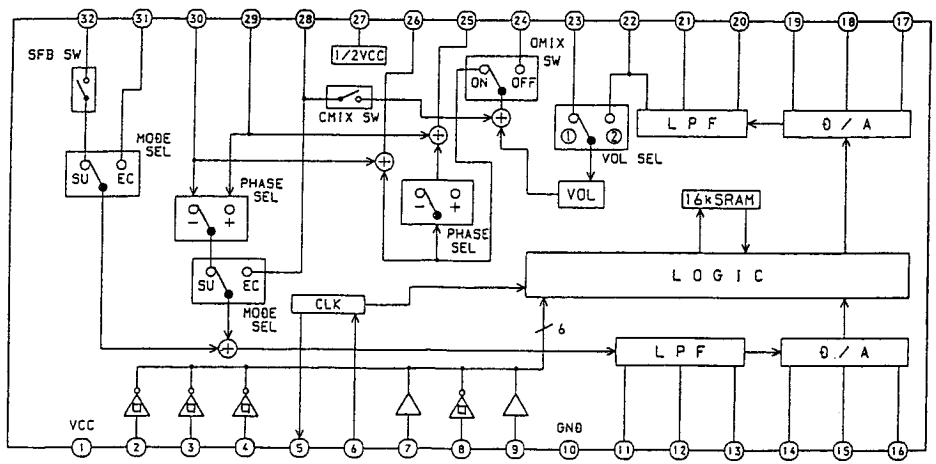
IC, LC7522



IC, M65846FP



IC DESCRIPTION

IC, LC866432V-5828

Pin No.	Pin Name	I/O	Description
1	O-PLLCE	O	PLL IC chip enable output.
2	K-CON CE GEQ CLK	O	Key control chip enable, graphic equalizer IC data transfer clock output.
3	O-M/STB	O	Key main shift register, data latch strobe output.
4	O-M/DATA	O	Key main shift register/PLL/DSP related data output.
5	O-M/CLK	O	Key main shift register/PLL/DSP related data transfer clock output.
6	O-DSPCE	O	DSP data latch strobe output.
7	RESET	I	Reset input.
8	I-HOLD	I	Power failure detect input (Hold at 'L') P74 input data is "1" at "L' level.
9	I-TUNE/IFC	I	Tuner SD detection input/IF count serial data input.
10	VSS1	—	GND terminal.
11	CF1	I	Clock terminal (5.76 MHz).
12	CF2	O	Clock terminal (5.76 MHz).
13	VDD1	—	Power supply terminal.
14	I-KEY1	I	Key 1 A/D input.
15	I-KEY2	I	Key 2 A/D input.
16	I-KEY3	I	Key 3 A/D input.
17	I-CD/SW	I	CD mechanism switch A/D input.
18	I-CD/DISH	I	CD turntable photo sensor A/D input.
19	I-MS	I	Deck MS detection A/D input.
20	I-SPEANA	I	Spectrum analyzer level A/D input.
21	I-MIC	I	Mic level A/D input for auto vocal fader.
22	I-TM/BASE	I	DSP data latch strobe output.
23	I-CD SENSE I-STEREO	I	Watch reference clock input (8/50/60 Hz automatic supported).
24	I-RMC	I	System remote control input (active low).
25~35	G11~G1	O	FL grid output (G11~G1).
36	P23	O	FL segment output (P23).
37	P22	O	FL segment output (P22).
38	P21	O	FL segment output (P21)/spectrum analyzer band select output (A).
39	P20	O	FL segment output (P20)/spectrum analyzer band select output (B).
40	P19	O	FL segment output (P19)/spectrum analyzer band select output (C).
41	VDD2	—	Power supply terminal.
42	-VP	—	Power supply for FL display.
43	P18/CSTI	I	FL segment output (P18)/DECK-1 cassette sensed switch input.
44	P17/AUTOI	I	FL segment output (P17)/DECK-1 auto stop input.
45	P16/CAMI	I	FL segment output (P16)/DECK-1 cam switch input.
46	P15/CAM2	I	FL segment output (P15)/DECK-2 cam switch input.
47	P14/AUTO2	I	FL segment output (P14)/DECK-2 auto stop input.
48	P13/CST2	I	FL segment output (P13)/DECK-2 cassette sensed switch input.
49	P12/REA	I	FL segment output (P12)/DECK-2 side-A record OK switch input.
50	P11/REB	I	FL segment output (P11)/DECK-2 side-B record OK switch input.

Pin No.	Pin Name	I/O	Description
51	P10/FM-WIDE	O	FL segment output (P10).
52	P1/AMST	O	FL segment output (P1).
53	P2/AM10K	O	FL segment output (P2).
54	P3/LW	O	FL segment output (P3).
55	P4/SW	O	FL segment output (P4).
56	P5/NO-BBE	O	FL segment output (P5).
57	P6/NO-DSP	O	FL segment output (P6).
58	P7/KCON	O	FL segment output (P7).
59	P8	O	FL segment output (P8).
60	P9/OIRT	O	FL segment output (P9).
61	O-CLOSE	O	CD tray close output.
62	O-OPEN	O	CD tray open output.
63	DI/R	O	CD turntable reverse rotation output.
64	DI/F	O	CD turntable forward rotation output.
65	$\overline{\text{O-POWER}}$	O	System power $\overline{\text{ON}}$ /OFF output.
66	$\overline{\text{O-SOL1}}$	O	Deck-1 plunger $\overline{\text{ON}}$ /OFF output.
67	$\overline{\text{O-SOL2}}$	O	Deck-2 plunger $\overline{\text{ON}}$ /OFF output.
68	$\overline{\text{O-MOTOR}}$	O	Deck motor $\overline{\text{ON}}$ /OFF output.
69	O-KEY. SCAN	O	Segment input enable output (low active).
70	O-F/STB	O	Front shift register data latch strobe output.
71	O-F/CLK	O	Front shift register data transfer clock output.
72	O-F/DATA	O	Front shift register data output.
73	VSS2	—	GND terminal.
74	O-CD/DATA	O	CD IC control data output.
75	O-CD/XLT	O	CD IC control data latch output.
76	O-CD/CLK	O	CD IC control data transfer clock output.
77	O-EVR CE	O	Electronic VR data latch strobe output.
78	I-CD/SQ DATA	I	CD SUB-Q data input.
79	O-CD/SQ CLK	O	Clock output for CD SUB-Q data input.
80	$\overline{\text{O-MUTE}}$	O	System mute $\overline{\text{ON}}$ /OFF output.

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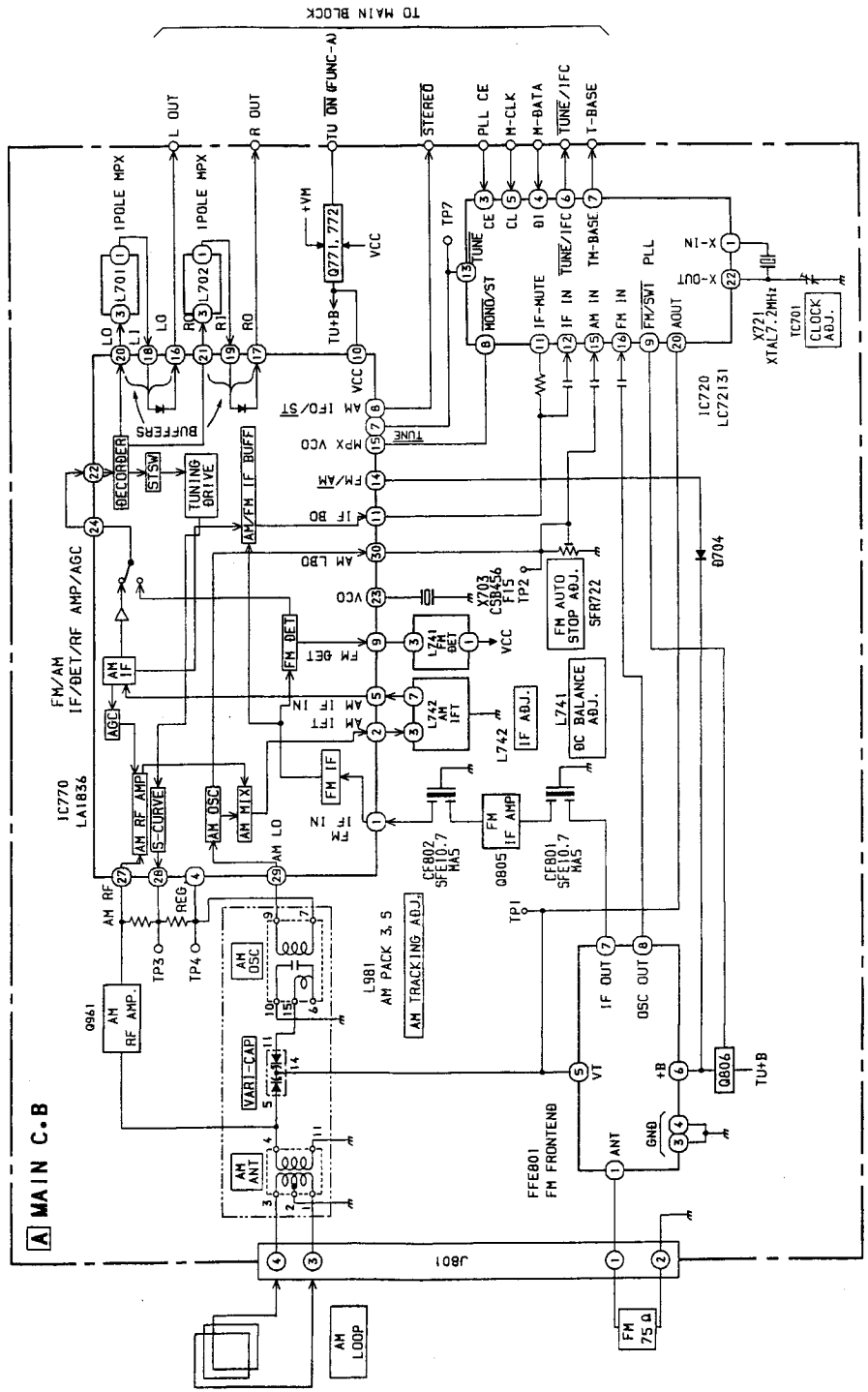
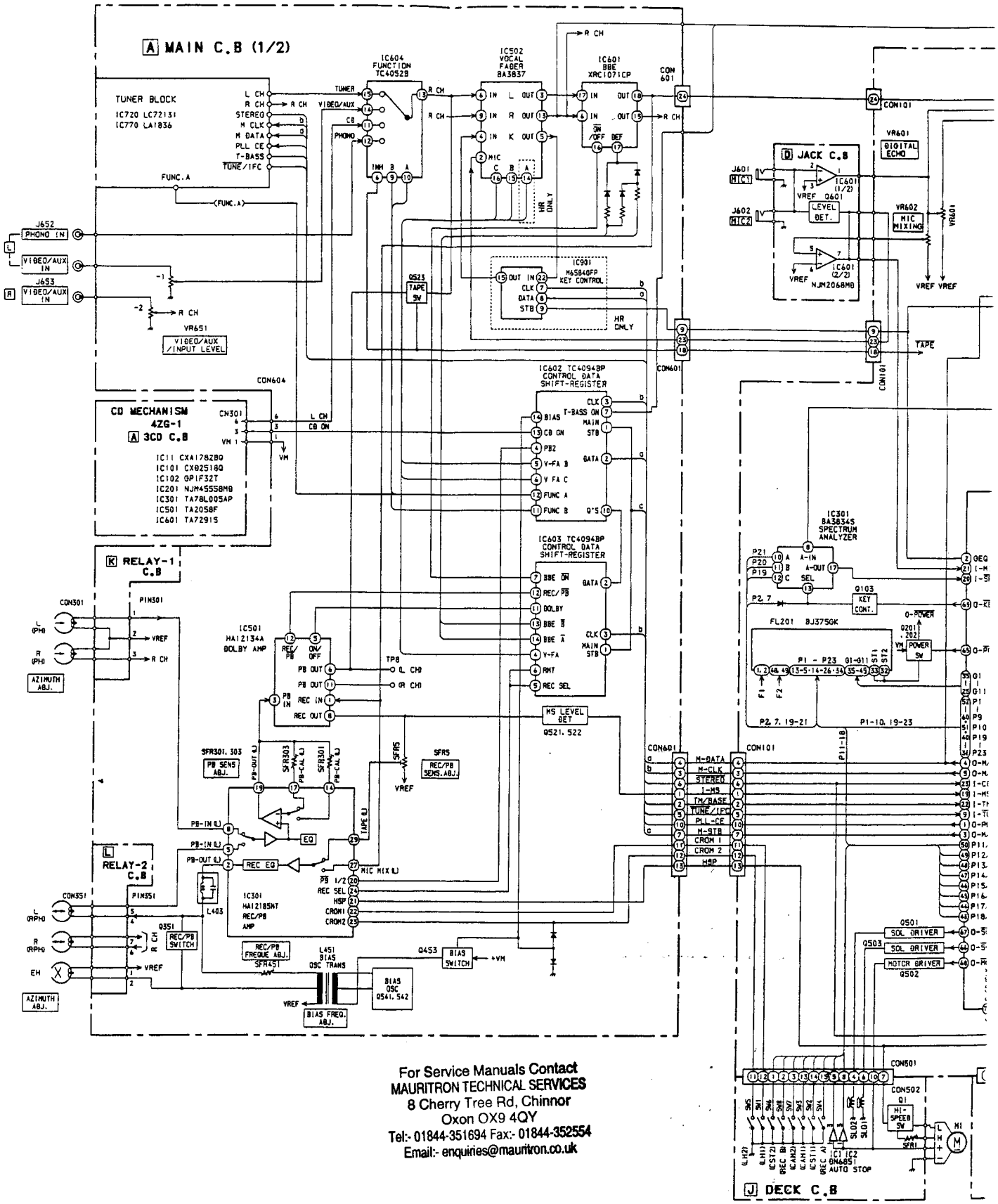
BLOCK DIAGRAM-1 (TUNER: HR)



BLOCK DIAGRAM-2 (MAIN／FRONT)



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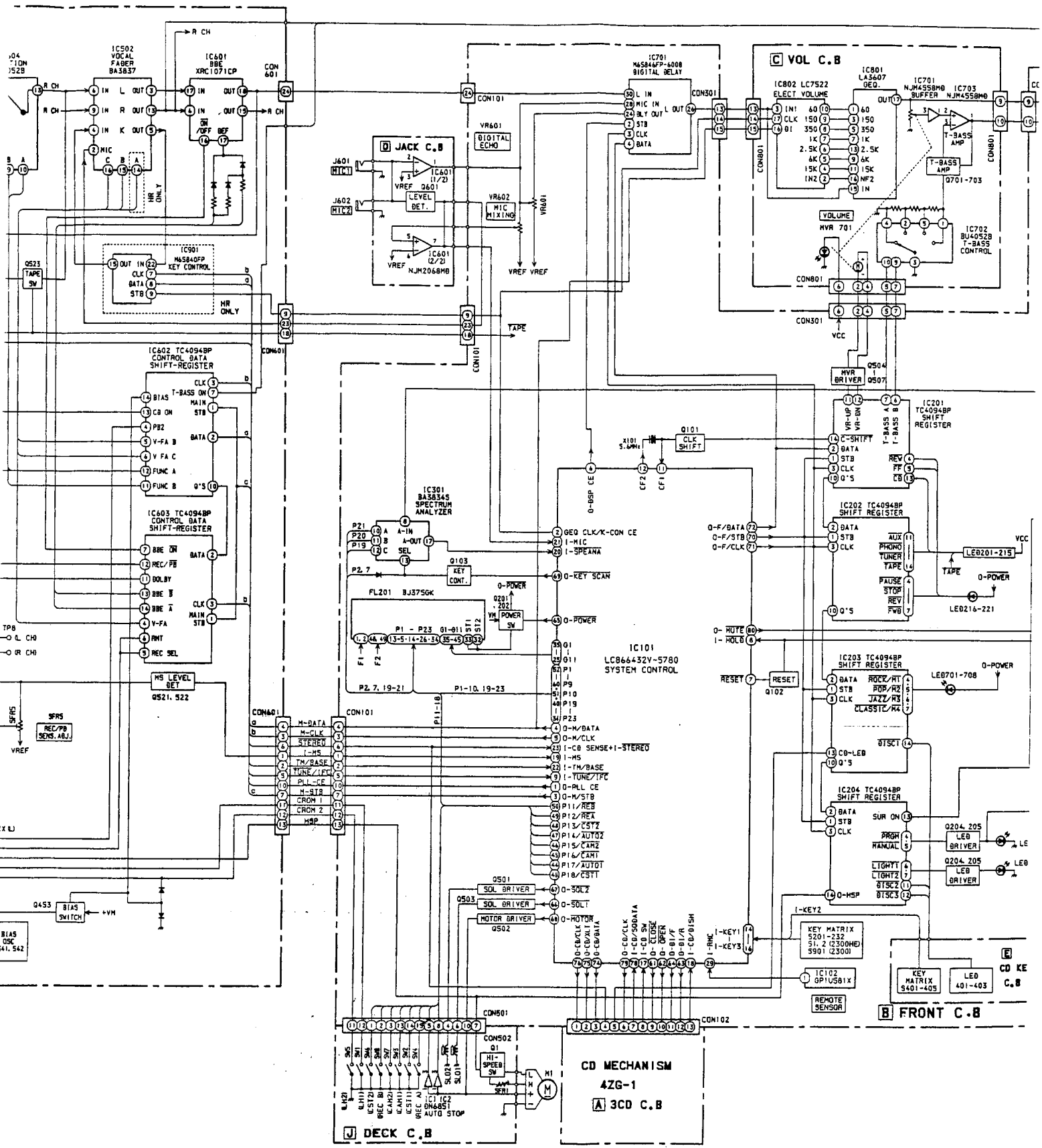
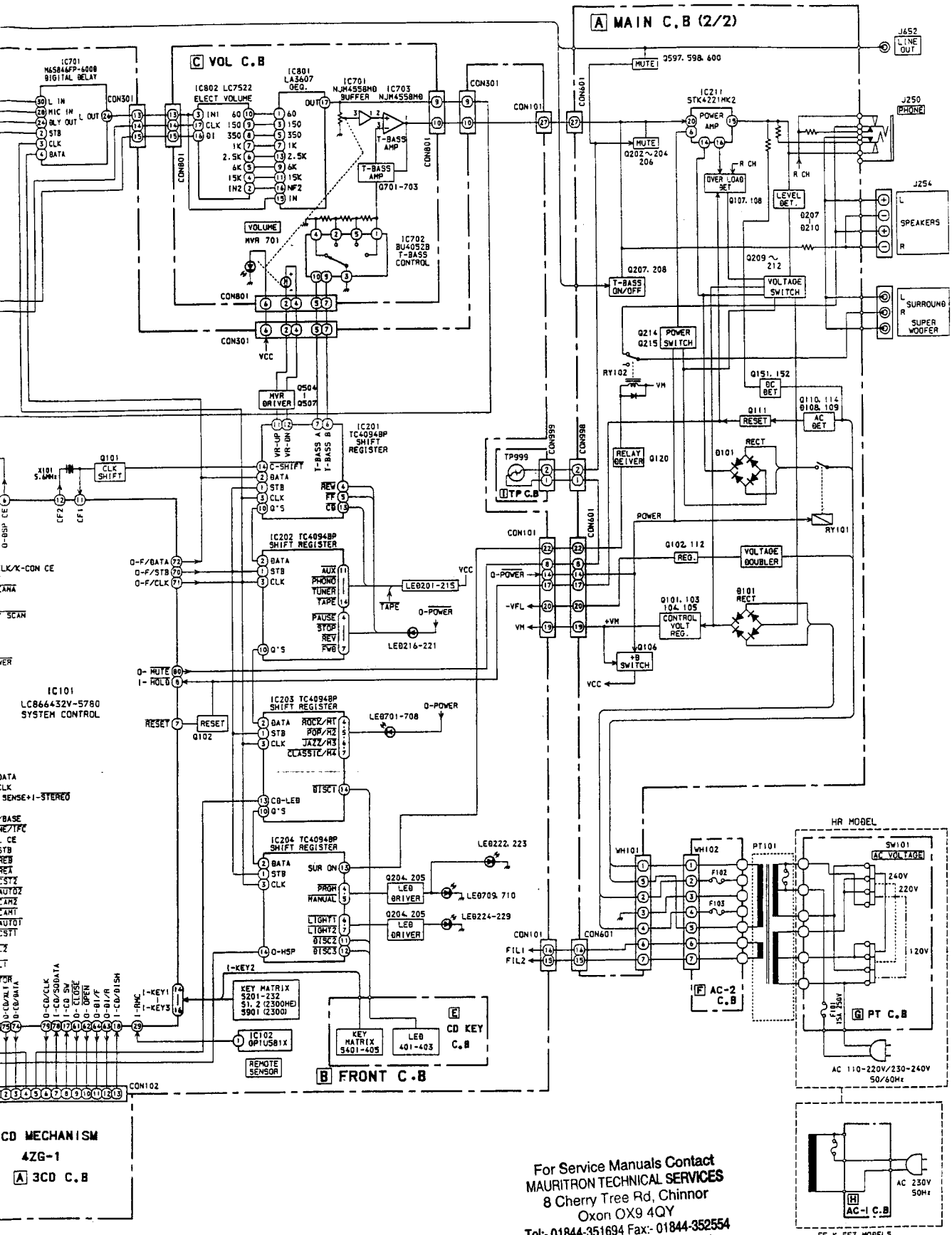

C VOL C.B
D JACK C.B
J DECK C.B
A 3CD C.B
B FRONT C.B
E CD KE C.B
CD MECHANISM 4ZG-1
IC101 LC866432V-5780 SYSTEM CONTROL
IC301 BA3834S SPECTRUM ANALYZER
IC502 VOCAL FADER BA3837
IC601 BBE XRC1071CP
IC701 M65844FP-6008 DIGITAL DELAY
IC801 LA3607 GEQ.
IC802 LC7522 ELECT VOLUME
IC701 NJM4558MD BUFFER
IC703 NJM4558MD
IC702 BU4052B T-BASS CONTROL
IC602 TC4094BP CONTROL DATA SHIFT-REGISTER
IC603 TC4094BP CONTROL DATA SHIFT-REGISTER
IC201 TC4094BP SHIFT REGISTER
IC202 TC4094BP SHIFT REGISTER
IC203 TC4094BP SHIFT REGISTER
IC204 TC4094BP SHIFT REGISTER
IC901 M65840FP KEY CONTROL
IC102 6P1U581X
IC1 IC2 BN6851 AUTO STOP
KEY MATRIX S201-232 SW. 2 (2300HE) 5901 (2300)
KEY MATRIX S401-405
LED 401-403
REMOTE SENSOR
CON101
CON301
CON801
CON601
CON501
CON502
CON102
VOLUME MVR 701
T-BASS AMP
VREF 0601
LEVEL DET.
DIGITAL ECHO
MIC MIXING
TAPE SW
REC/PB SENS. ADJ.
MS LEVEL SET
BIAS SWITCH
MOTOR DRIVER
SOL DRIVER
KEY CONT.
POWER SW
RESET
CLK SHIFT
MVR DRIVER
LED DRIVER
AUTO STOP
HR ONLY
R CH
L CH
VCC
+VM
TAPE
O-POWER
O-MUTE
I-HOLD
O-KEY SCAN
O-M/DATA
O-M/CLK
O-M/STB
O-PLL CE
O-SOL2
O-SOL1
O-MOTOR
O-CB/CLK
O-CB/DATA
O-CB/XLT
I-CD/SQDATA
I-CD/SQCLK
I-CD SW
O-CLOSE
O-OPEN
O-BI/F
O-BI/R
I-CD/BISH
I-RMC
I-KEY1
I-KEY2
I-KEY3
O-F/DATA
O-F/STB
O-F/CLK
O-HSP
I-MIC
I-SPEANA
I-CB SENSE+I-STEREO
I-MS
I-TM/BASE
I-TUNE/IFC
O-GSP CE
O-GEQ CLK/K-CON CE
M-DATA
M-CLK
STEREO
I-MS
TM/BASE
TUNE/IFC
PLL-CE
M-STB
CROM 1
CROM 2
MSP
P1 - P23
P2, 7, 19-21
P1-10, 19-23
P11-18
FL201 BJ375GK
X101 5.0MHz
LED201-215
LED216-221
LED701-708
LED204 205
VR601
VR602
VR603
J601 MIC1
J602 MIC2
IC601 (1/2)
IC601 (2/2) NJM2068MD
Q523 TAPE SW
Q301 POWER SW
Q103 KEY CONT.
Q102 RESET
Q501 SOL DRIVER
Q503 SOL DRIVER
Q502 MOTOR DRIVER
Q504 MVR DRIVER
Q507 MVR DRIVER
Q453 BIAS SWITCH
Q1 HI-SPEED SW
M1
SEN1
SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10
SL023 SL011
TP8
SFRS
VREF
BIAS OSC


A MAIN C.B (2/2)
C VOL C.B
B FRONT C.B
E CD KEY C.B
F AC-2 C.B
G PT C.B
H AC-1 C.B
I TP C.B
IC101 LC866432V-5780 SYSTEM CONTROL
IC201 TC40948P SHIFT REGISTER
IC202 TC40948P SHIFT REGISTER
IC203 TC40948P SHIFT REGISTER
IC204 TC40948P SHIFT REGISTER
IC211 STK4221MK2 POWER AMP
IC701 NJM4558MD BUFFER
IC702 BU4052B T-BASS CONTROL
IC801 LA3607 GEQ.
IC802 LC7522 ELECT VOLUME
IC102 GP1U581X REMOTE SENSOR
CD MECHANISM 4ZG-1
A 3CD C.B
HR MODEL
EE, K, EEZ MODELS
AC 110-220V/230-240V 50/60Hz
AC 230V 50Hz
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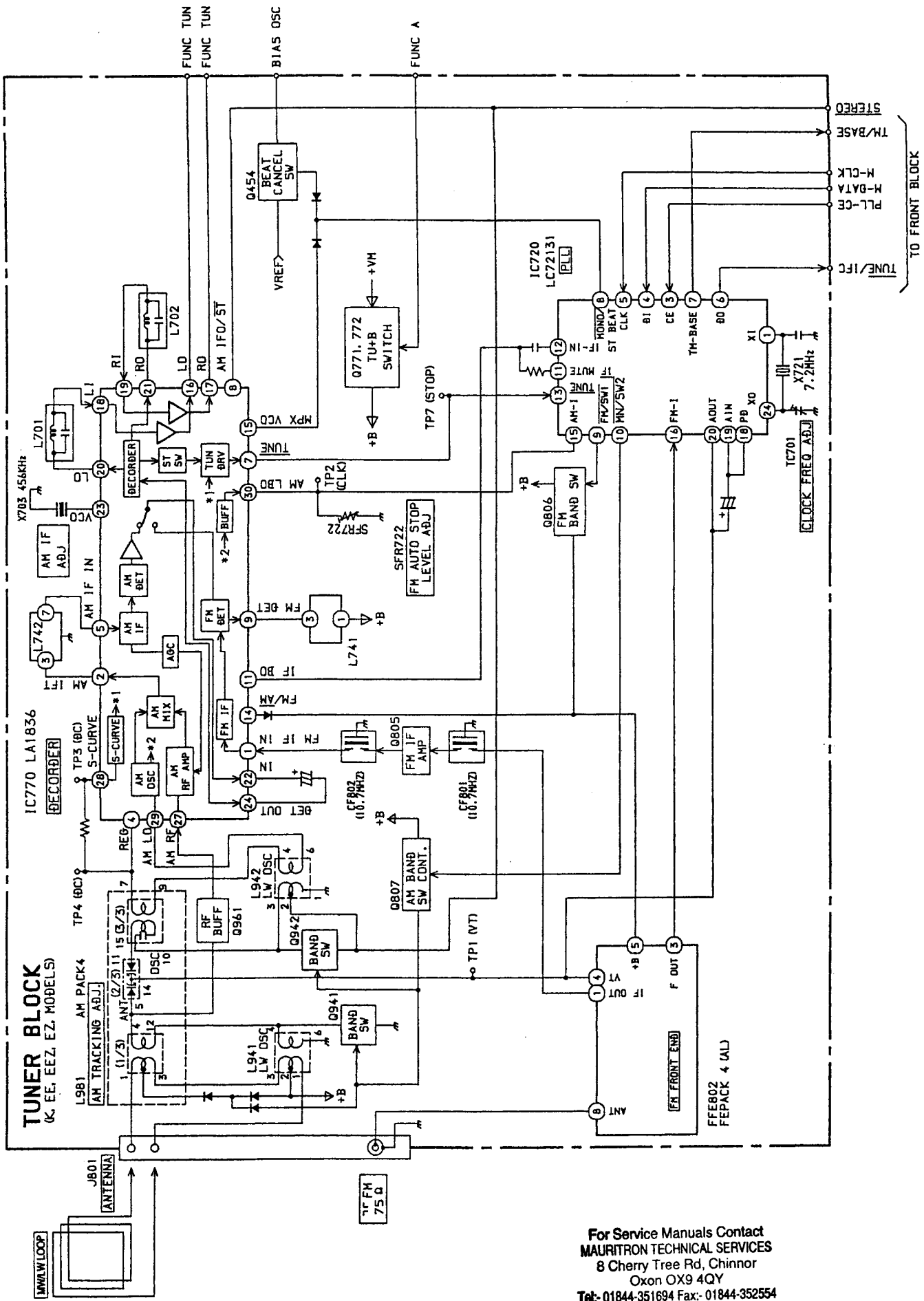
BLOCK DIAGRAM-3 (TUNER: EE, K, EEZ)



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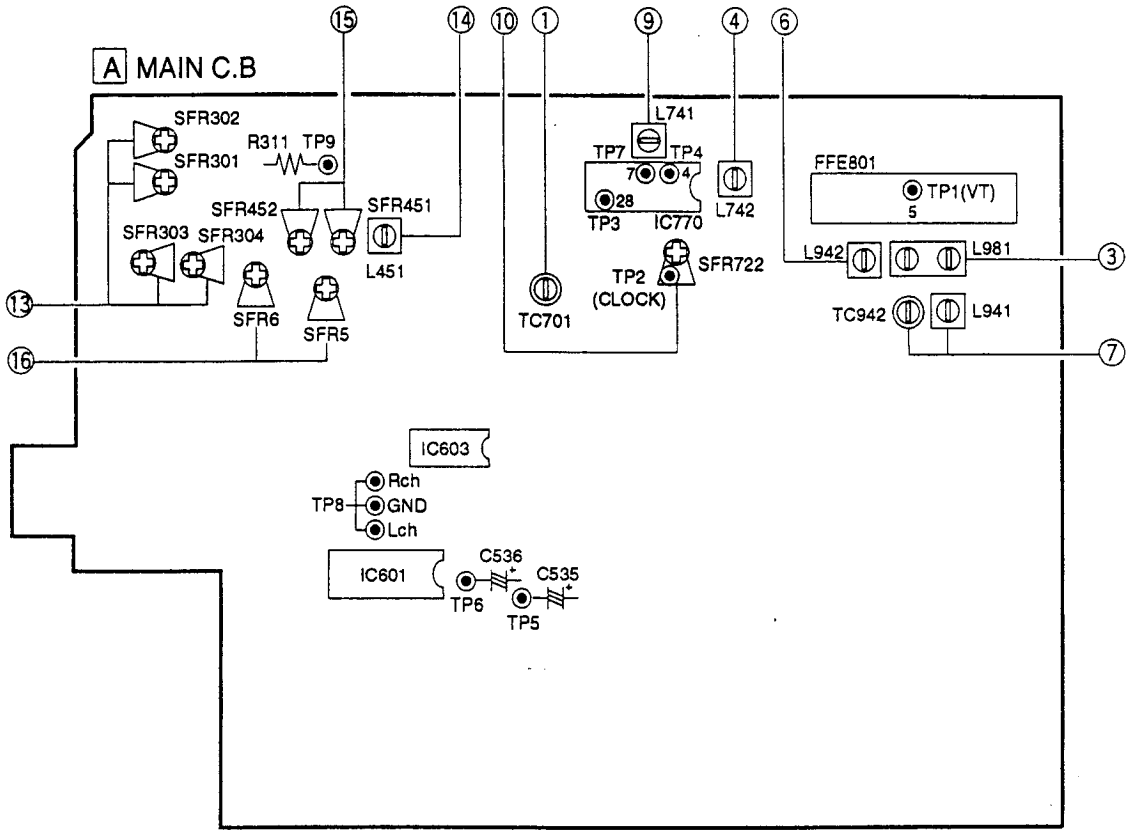
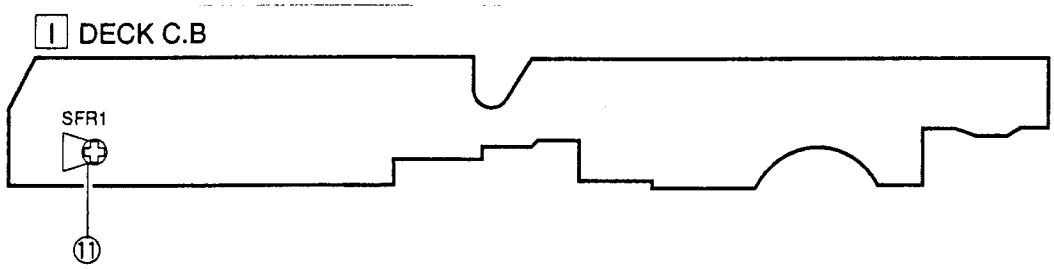
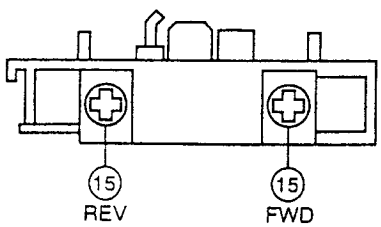




DECK–1 P, DECK–2 R / P / E HEAD



<TUNER SECTION>

1. Clock Frequency Adjustment

Settings: · Test point : TP2

· Adjustment location : TC701

Method: Set to MW 1602kHz and adjust TC701 so that the test point becomes 2052kHz±0.01kHz.

2. MW VT Check

Setting: · Test point : TP1

Method: Set to MW 1602kHz and check that the test point is 6.8V±1.0V.

3. MW Tracking Adjustment

Settings: · Test point : TP5(Lch), TP6(Rch)

· Adjustment location : L981

Method: Set to MW 999kHz and adjust L981 that the test point becomes maximum.

4. AM IF Adjustment

Setting: · Test point : TP5(Lch), TP6(Rch)

L742 ..... 450kHz

5. FM VT Check

Setting: · Test point : TP1

Method: (HR,G MODELS)

Set to FM 87.5MHz and check that the test point is more than 1.0V. Then set to FM 108MHz and check that the test point is less than 8.0V.

Method: (EE,K,EEZ MODELS)

Set to FM 87.5MHz and check that the test point is more than 1.5V. Then set to FM 108MHz and check that the test point is less than 8.2V.

6. LW VT Adjustment(EE,K,EEZ,EZ ONLY)

Settings: · Test point : TP1

· Adjustment location : L942

Method: Set to LW 144kHz and adjust L942 that the test point becomes 1.50V±0.05V.

7. LW Tracking Adjustment(EE,K,EEZ ONLY)

Settings: · Test point : TP5(Lch), TP6(Rch)

· Adjustment location :

L941 ..... 144kHz

TC942 ..... 290kHz

Method: Set up TC942 to center before adjustment. The level at 144kHz is adjsuted to MAX by L941. Then the level at 290kHz is adjusted to MAX by TC942.

8. FM Tracking Check

Setting: · Test point : TP5(Lch), TP6(Rch)

Method: Check that the test point is 2±6dB and distortion is less than 3% at FM98.0MHz.

9. DC Balance/MONO Distortion Adjustment

Settings: · Test point :TP3,TP4 (DC Balance)

TP5(Lch), TP6(Rch) (Distortion)

· Adjustment location : L741

· Input level : 54dB

Method: Set to FM 98.0MHz and adjust L741 so that the voltage between TP3 and TP4 becomes 0V±0.04V. Next check that the distortion is less than 1.3%.

10.Auto Stop Level Adjustment

Settings: · Test point :TP7

· Adjustment location : SFR722

· Input level : 16dB

Method: Set to FM 98.0MHz and adjust voltage low (about 0.01V) by SFR722. After that voltage hgih(about 7.0V) out by 2dB down.

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<TAPE SECTION>

11.Tape Speed Adjustment (DECK2)

Settings: · Test tape : TTA-100
· Test point : TP8
· Adjustment location : SFR1

Method:Play back the test tape, adjust SFR1 for 3000Hz±5Hz.

12.Azimuth Adjustment (DECK1, DECK2)

Settings: · Test tape : TTA-300
· Test point : TP8
· Adjustment location : Head azimuth adjustment screw

Method: Play back the 10kHz signal of the test tape and adjust screw so that the output becomes maximum.

13.PB Sensitivity Adjustment (DECK1, DECK2)

Settings: · Test tape : TTA-200
· Test point : TP8
· Adjustment location : (DECK1)
SFR301 (Lch)
SFR302 (Rch)
(DECK2)
SFR303 (Lch)
SFR304 (Rch)

Method: Play back the test tape and adjust so that the output becomes 300mV.

14.Bias Frequency Adjustment (DECK2)

Settings: · Test tape : TTA-602
· Test point : TP9
· Adjustment location : L451

Method: Set to DECK2 to the record mode and adjust L451 so that the frequency at TP9 is 85.0kHz±0.1kHz.

15.REC/PB Frequency Response Adjustment (DECK2)

Settings: · Test tape : TTA-602
· Test point : TP8
· Input signal : 1kHz/10kHz
(AUX IN/AUX Vol. MAX)
· Adjustment location : SFR451 (Lch)
SFR452 (Rch)

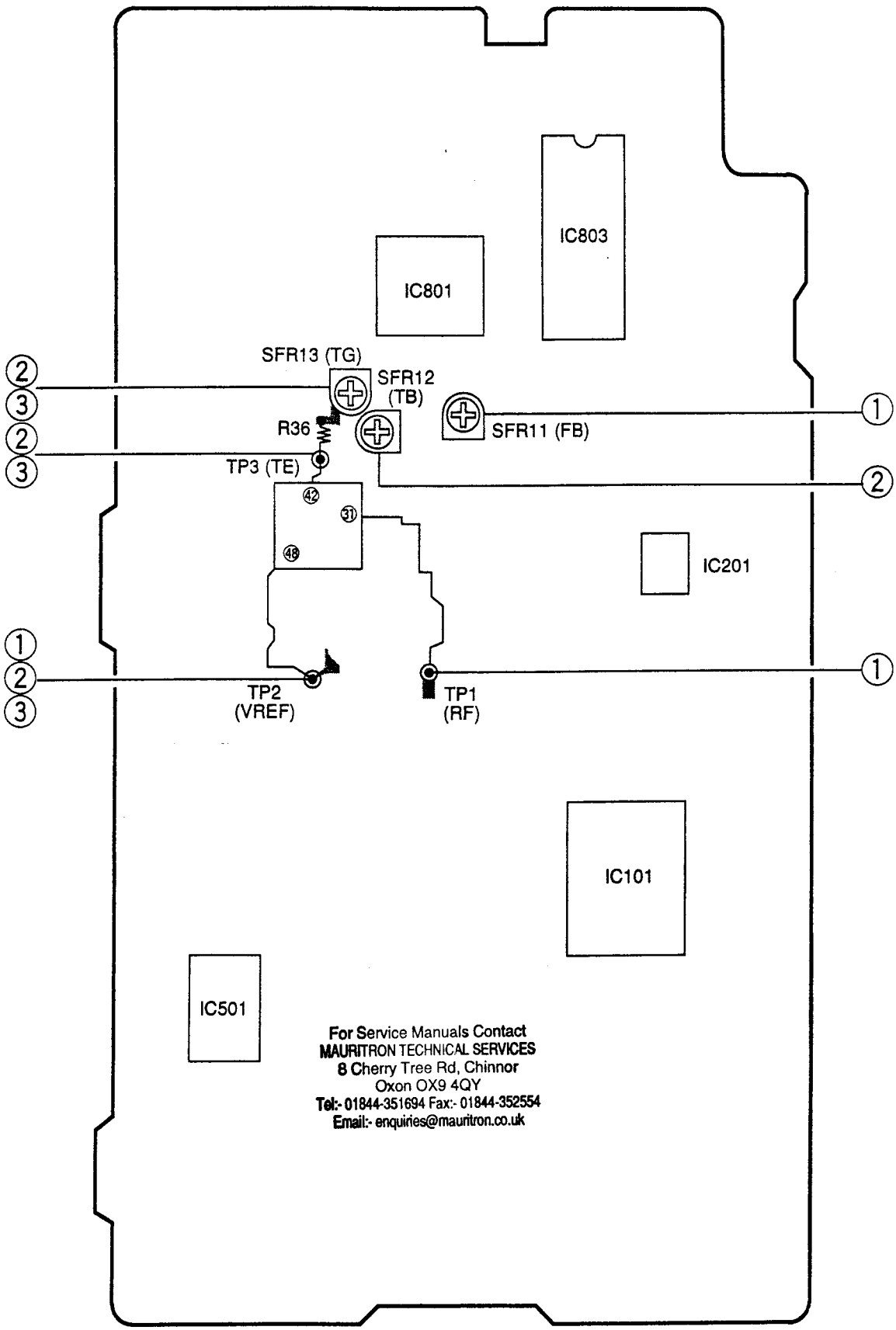
Method: Apply a 1kHz signal and adjust attenuator so that the level at the test point is 210mV.
Record and play back the 1kHz and 10kHz signal and adjust so that the output level of 10kHz signal is 0dB±0.5dB for 1kHz signal.

16.REC/PB Sensitivity Adjustment (DECK2)

Settings: · Test tape : TTA-602
· Test point : TP8
· Input signal : 1kHz/10kHz
(AUX IN/AUX Vol. MAX)
· Adjustment location : SFR5 (Lch)
SFR6 (Rch)

Method: Apply a 1kHz signal and adjust attenuator so that the level at the test point is 21mV.
Record and play back the 1kHz and 10kHz signal and adjust so that the output level is 21mV±0.5dB.

A 3CD C.B


IC803
IC801
SFR13 (TG)
SFR12
(TB)
R36
SFR11 (FB)
TP3 (TE)
IC201
IC101
IC501
TP2
(VREF)
TP1
(RF)
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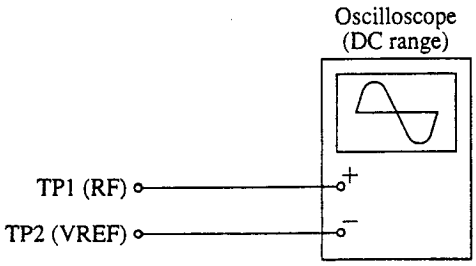
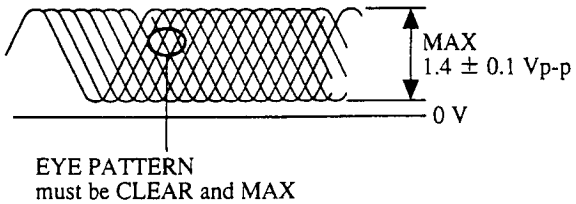
Note: Connect a probe (10: 1) of the oscilloscope or the frequency counter to a test point.

1. Focus Bias Adjustment

Make the focus bias adjustment when replacing and repairing the optical block.

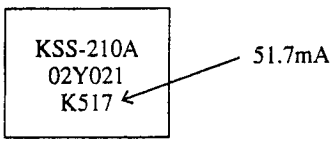


1) Connect an oscilloscope to test points TP1 (RF) and TP2 (VREF).
2) Turn on the power switch.
3) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
4) Adjust SFR11 so that RF signal of test point TP1 (RF) is MAX and CLEARREST.



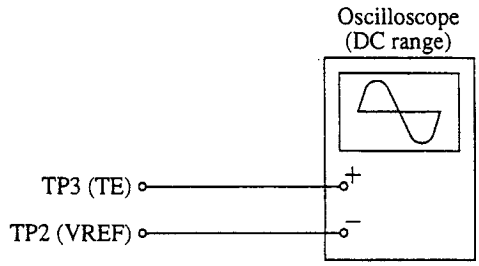
VOLT/DIV : 0.5 V
TIME/DIV : 1 μ S

Note: The current of the laser signal can be checked with the voltages on both sides of R28 (10Ω). The difference for the specified value shown on the lavel must be within ± 6.0mA.

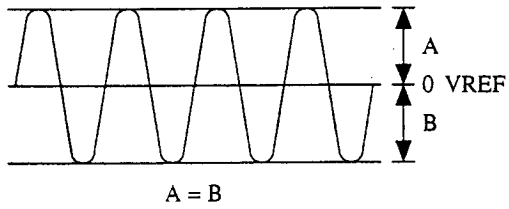


$$\text{Laser current Iop} = \frac{\text{Voltage across R28}}{10\Omega}$$

2. Tracking Balance Adjustment



1) Connect an oscilloscope to test points TP3 (TE) and TP2 (VREF).
2) Turn on the power switch.
3) Insert test disc TCD-782 (YEDS-18) and press the PLAY button.
4) Connect the intermediate point of SFR13 to TP2 (VREF).
5) Adjust SFR12 so that the waveform on the oscilloscope is vertically symmetrical as shown in the figure below.
6) After the adjustment is completed, remove the connected lead wires from the terminals.



VOLT/DIV : 200mV
TIME/DIV : 1mS

3. Tracking Gain Adjustment

A servo analyzer is necessary in order to perform this adjustment exactly. However, this gain has a margin, so even if it is slightly off, there is no problem. Therfore, do not perform this adjustment.
Focus/tracking gain determines the pick-up follow-up (vertical and horizontal) relative to mechanical noise and mechanical shock when 2-axis device operates. However, as these reciprocate, the adjustment is at the point where both are satisfied.

- When gain is raised, the noise increases when the 2-axis device operates.
- When gain is lowered, it is more susceptible to mechanical shock and skipping occurs more easily.

When the gain adjustment is off, the symptoms below appear.

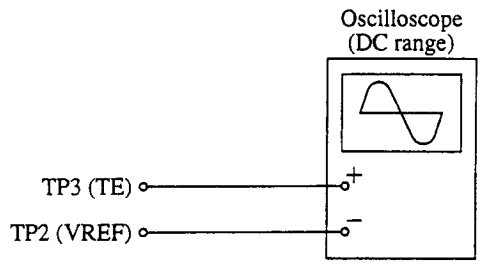
Symptoms \ Gain	(Focus)	Tracking
● The time until music starts becomes longer for STOP→▶PLAY or automatic selection (⏮, ⏭ buttons pressed.) (Normally takes about 2 seconds.)	low	low or high
● Music does not start and disc continues to rotate for STOP →▶PLAY or automatic selection (⏮, ⏭ buttons pressed.)	—	low
● Disc stops to rotate shortly after STOP→▶PLAY.	low or high	—
● Sound is interrupted during PLAY. Or time counter display stops.	—	low
● More noises during the 2-axis device operation.	high	high

The following is simple adjustment method.

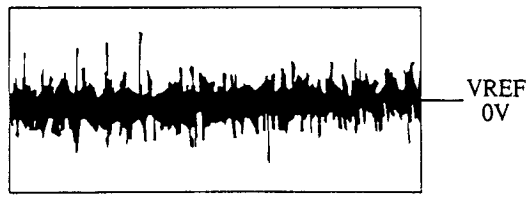
— Simple adjustment —

Note: Since the exact adjustment cannot be performed, remember the positions of the controls before the performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.

Procedure:



1) Keep the set horizontal. (If the set is not kept horizontally, this adjustment cannot be performed due to the gravity against the 2-axis device.)
2) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
3) Connect an oscilloscope to TP3 (TE), TP2 (VREF) of the CD C.B.
4) Adjust SFR13 so that the waveform appears as shown in the figure below. (tracking gain adjustment)

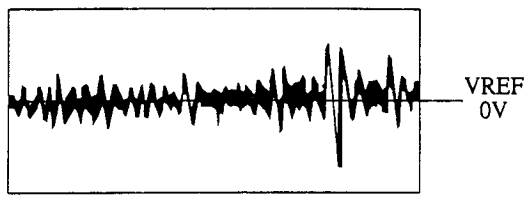


VOLT/DIV: 50 mV
TIME/DIV: 1 mS

- Incorrect example

Low tracking gain

The fundamental wave appears as compared with the waveform adjusted.



VOLT/DIV: 50 mV
TIME/DIV: 1 mS

High tracking gain

The frequency of the fundamental wave is higher than that in low gain.

VOLT/DIV: 50 mV
TIME/DIV: 1 mS

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PRACTICAL SERVICE FIGURE

TUNER SECTION

<FM SECTION> (HR)

IHF Sensitivity:	3dB±6dB
(THD 3%)	(87.5 / 98.0 / 108.0MHz)
S/N 50dB Quieting sensitivity:	
	31dB±5dB
	(87.5 / 98.0 / 108.0MHz)
Signal to noise ratio:	More than 64dB(98.0MHz)
Distortion:	Less than 1.2%(98.0MHz)
Stereo separation:	More than 25dB(98.0MHz)
Intermediate frequency:	10.7MHz

<FM SECTION> (K,EE,EEZ)

IHF Sensitivity:	6dB±6dB
(THD 3%)	(87.5 / 98.0 / 108.0MHz)
S/N 50dB Quieting sensitivity (K,EE ONLY):	
	31dB±5dB
	(87.5 / 98.0 / 108.0MHz)
S/N 46dB Quieting sensitivity (EEZ ONLY):	
	31dB±5dB
	(87.5 / 98.0 / 108.0MHz)
Signal to noise ratio:	More than 64dB(98.0MHz)
Distortion:	Less than 1.2%(98.0MHz)
Stereo separation:	More than 22dB(98.0MHz)
Intermediate frequency:	10.7MHz

<MW SECTION>

Sensitivity:	54dB+8,-6dB(603kHz)
(S/N 20dB)	53dB±6dB(999kHz)
	53dB±6dB(1404kHz)
Distortion:	Less than 1.5%(999kHz)
Stereo separation:	More than 12dB(999kHz)
Intermediate frequency:	450kHz

<LW SECTION> (K,EE,EEZ)

Sensitivity:	66dB±5dB(144kHz)
(S/N 20dB)	63dB±5dB(198kHz)
	62dB±5dB(290kHz)
Distortion:	Less than 1.5%(198kHz)
Intermediate frequency:	450kHz

TAPE SECTION

Tape speed:	3000Hz±1.5%
Wow & flutter:	Less than 0.4%(RMS)
Take-up torque:	40～45g-cm(FWD, REV)
F.F torque:	75～180g-cm
Rew torque:	75～180g-cm
Back tension:	2.0～7.0g-cm
PB Output level:	2.8V±1.5dB(SP OUT)
REC / PB Output level:	1.5V±2.0dB(TP6)
Distortion(REC / PB):	Less than 2.0%(NORM,CrO_2)
Nois level(REC / PB):	Less than 8mV/15mV
	(DOLBY B NR ON/OFF
	NORM, SP OUT,Vol 2V)
	Less than 7mV/12mV
	(DOLBY B NR ON/OFF
	CrO_2, SP OUT,Vol 2V)
Crosstalk:	More then 60dB(1kHz, 0VU)
Erasing ratio:	More then 60dB(125Hz)
Channel separation:	More then 40dB(1kHz, 0VU)
REC bias frequency:	85kHz
Test tape:	NORMAL TTA-601 / 600
	CrO_2 TTA-200
	METAL TTA-630

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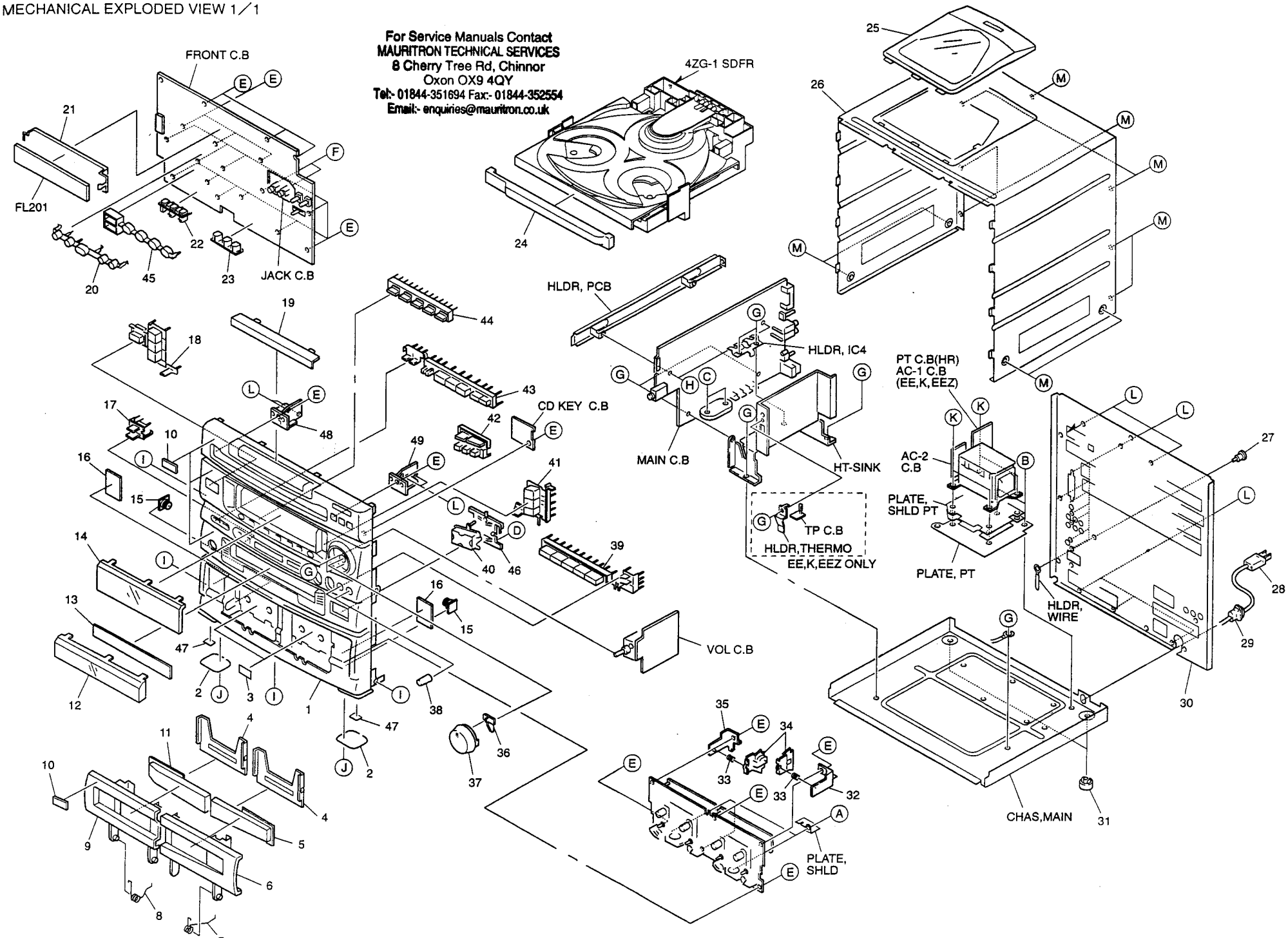
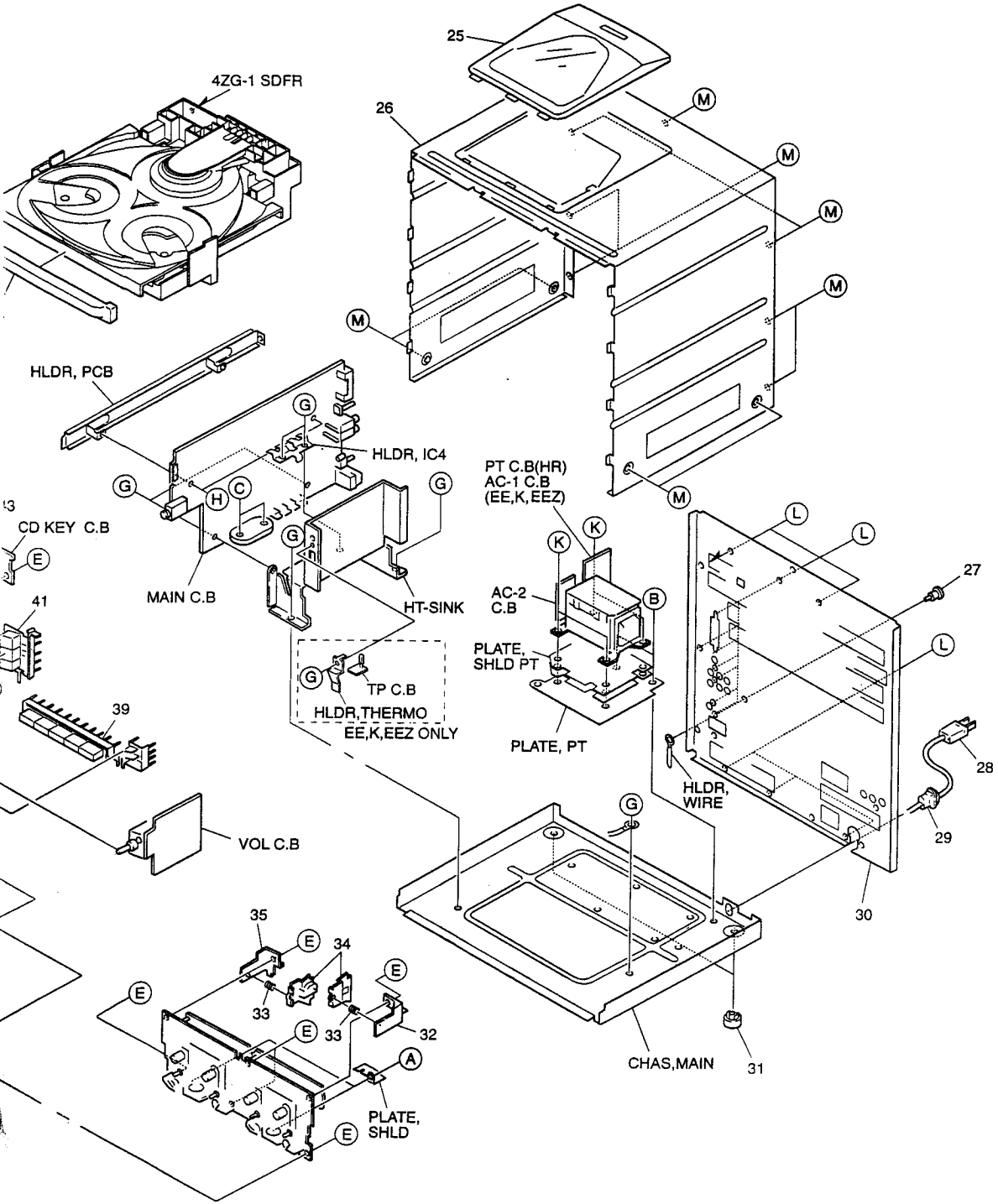
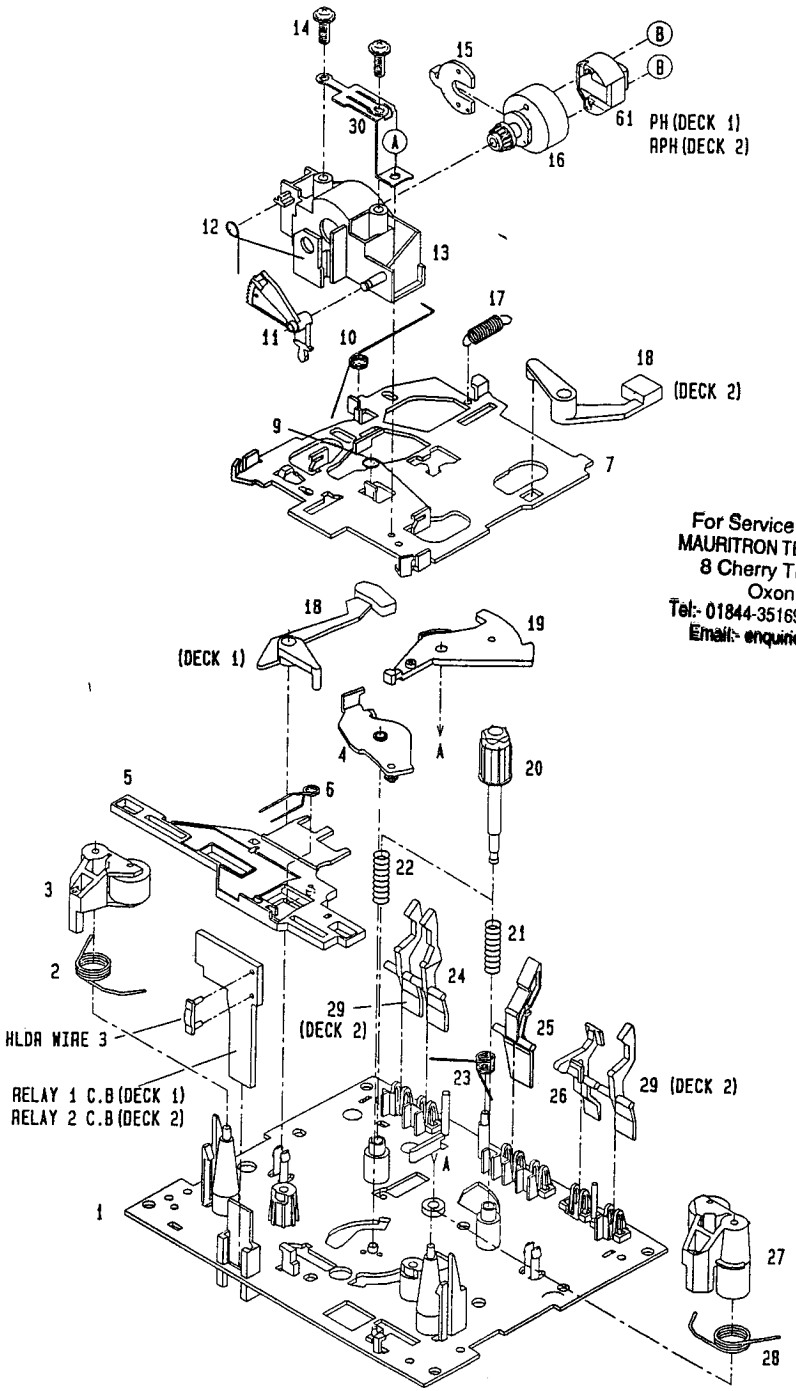




MECHANICAL PARTS LIST 1／1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF.NO	PART NO.	カンリ NO.	DESCRIPTION
1	85-MA3-002-119		CAB,FR H2<HR>
1	85-MA3-003-119		CAB,FR E<EE,K,EEZ>
2	84-VM5-013-010		RING,FOOT
3	81-532-080-019		LBL,CASS-COMPT
4	85-NF5-026-019		IND,CASS
5	85-MA2-030-019		WINDOW,DECK R
6	85-MA2-015-119		BOX,CASS R<HR>
6	85-MA1-017-119		BOX,CASS R(E)<EE,K,EEZ>
7	82-NF5-219-019		SPR-T,EJECT 2 (SIN)
8	82-NF5-218-019		SPR-T,EJECT 1 (SIN)
9	85-MA2-014-119		BOX,CASS L<HR>
9	85-MA1-016-119		BOX,CASS L(E)<EE,K,EEZ>
10	82-NE8-032-019		BADGE AIWA 27.5
11	85-MA2-029-019		WINDOW,DECK L
12	85-MA2-042-019		WINDOW,GEQ 2
13	85-MA2-033-019		PLATE,GEQ
14	85-MA2-041-019		WINDOW,AMP 2
15	87-063-165-019		OIL-DMPR 150
16	80-MK2-206-010		DMPR 27-44.5-3
17	85-MA1-020-019		KEY,CONTROL<HR>
18	85-MA2-018-019		KEY,POWER
19	85-MA2-026-019		WINDOW,CD
20	85-MA2-205-019		GUIDE,PLAY
21	82-NF5-212-019		GUIDE FL
22	85-NF5-210-119		GUIDE,LED L
23	85-NF5-211-119		GUIDE,LED R
24	85-MA2-032-019		PANEL,TRAY<HR>
24	85-MA1-018-019		PANEL,TRAY(E)<EE,K,EEZ>
25	85-NF5-031-119		WINDOW,TOP
26	85-MA2-043-019		CAB,STEEL(S)
27	87-084-077-019		NYLON RIVET DIA 3.5 - 4.5
⚠ 28	87-050-079-019		AC-CORD ASSY,E<EXCEPT K>
⚠ 28	87-050-100-019		AC-CORD ASSY K 3P<K>
29	87-085-185-010		BUSHING,AC CORD E
30	85-MA3-008-019		PANEL,REAR HRJBNM<HR>
30	85-MA3-009-019		PANEL,REAR EEBNM<EE>
30	85-MA3-029-019		PANEL,REAR KBN<K>
30	85-MA3-030-019		PANEL,REAR EZBN<EEZ>
31	87-085-224-010		FOOT,H17
32	82-NF5-227-019		HLDR,LOCK 2N
33	82-NF5-228-019		SPR-C,LOCK
34	82-NF5-229-019		PLATE,LOCK
35	82-NF5-226-019		HLDR LOCK 1N
36	84-MA1-051-019		IND,VOL
37	84-MA1-049-019		KNOB,VOL
38	81-MX4-019-019		KNOB,MIC
39	85-MA2-022-019		KEY,GEQ
40	85-MA2-023-019		KEY,CURSOR
41	85-MA2-019-019		KEY,T-BASS
42	85-MA2-017-019		KEY,DIRECT
43	85-MA2-021-019		KEY,PLAY
44	85-MA2-035-019		KEY ASSY,FUN
45	85-MA2-206-019		GUIDE,GEQ
46	85-MA2-203-019		HLDR,CURSOR
47	83-MA1-203-019		FELT,15-20-2 LEG
48	85-MA2-201-019		HLDR,CD L
49	85-MA2-202-019		HLDR,CD R
A	87-571-032-419		VIT+2-3
B	87-067-586-019		BVTT +4-8
C	87-067-581-019		BVT2+3-15 W/O SLOT
D	87-067-945-119		VFT2+3-12(F10)
E	87-078-060-019		BVIT 3PB+3-10
F	81-MK1-210-019		S-SCREW BFT2+3-16
G	87-067-579-019		BVT 2+3-8 W/O SLOT
H	87-078-084-019		BVTT +3-6 W CONVEX
I	87-591-095-419		QIT+3-8
J	87-067-688-019		BVTT +3-6
K	87-078-191-019		S-SCREW IT+4-10
L	87-067-761-019		BVT2+3-10 BLK
M	87-067-641-019		UTT2+3-8 W/O SLOT BLK



52

For Service Manuals Contact
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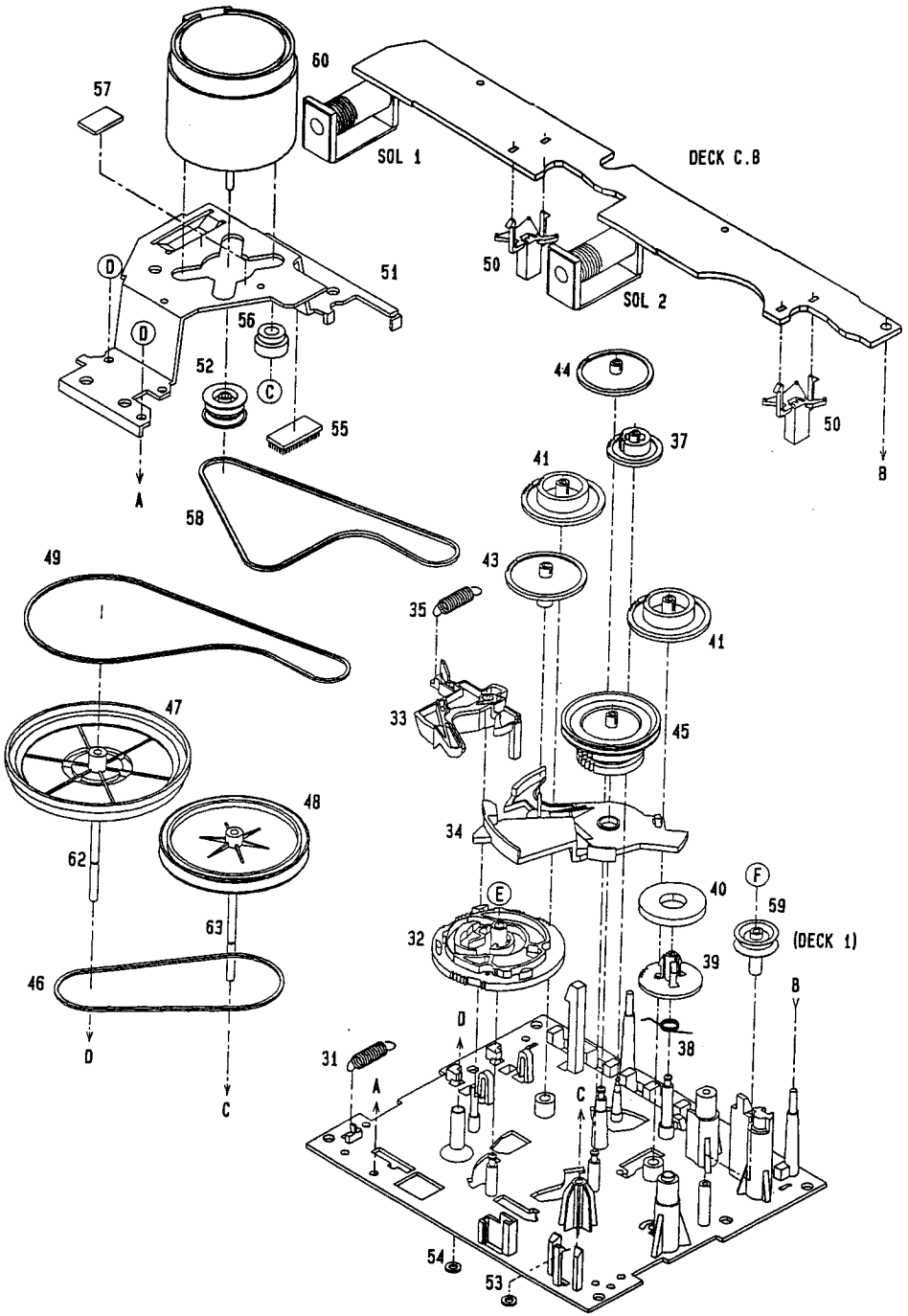

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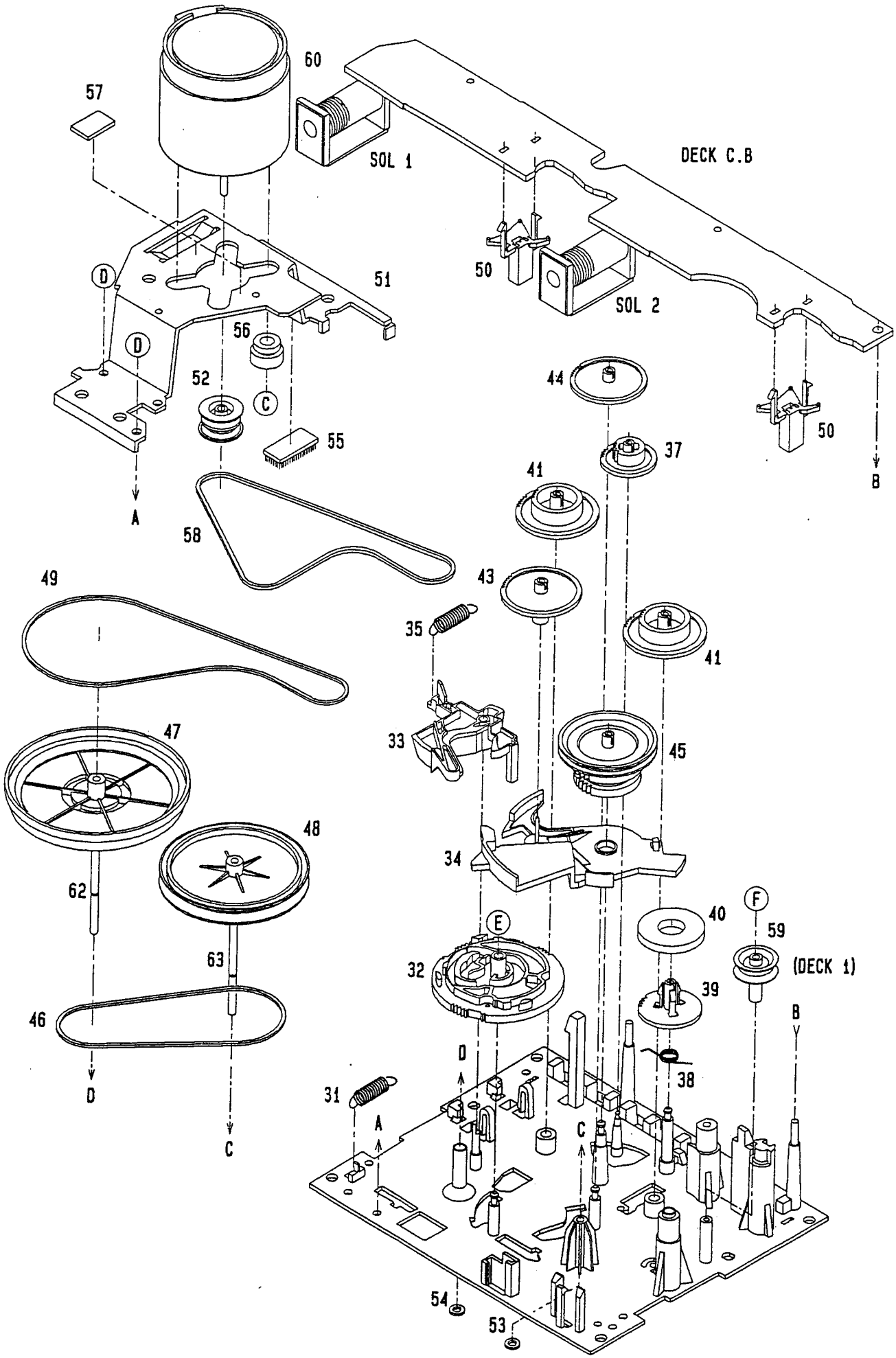
DESCRIPTION C
If can't understar

REF. NO	PART NO.
1	82-ZM3-21
1	82-ZM1-29
2	82-ZM1-25
3	82-ZM1-24
4	82-ZM1-29
5	82-ZM1-26
6	82-ZM1-21
7	82-ZM1-20
9	82-ZM1-26
10	82-ZM1-21
11	82-ZM1-21
12	82-ZM1-21
13	82-ZM1-20
14	82-ZM1-28
15	82-ZM1-31
16	82-ZM1-20
17	82-ZM1-21
18	82-ZM1-26
18	82-ZM1-26
19	82-ZM1-22
20	82-ZM1-21
21	82-ZM1-24
22	82-ZM1-28
23	82-ZM1-25
24	82-ZM1-24
25	82-ZM1-24
26	82-ZM1-24
27	82-ZM1-25
28	82-ZM1-25
29	82-ZM1-24
30	82-ZM1-29
31	82-ZM1-25
32	82-ZM1-22
33	82-ZM1-22
34	82-ZM1-22
35	82-ZM1-26
37	82-ZM1-22
38	82-ZM1-32
39	82-ZM1-22
40	82-ZM1-31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SOL 1
DECK C.B
51
50
SOL 2
56
52
55
44
37
50
41
A
58
B
49
43
35
41
47
33
45
48
34
62
40
59
(DECK 1)
32
39
63
46
38
31
D
C
54
53

TAPE MECHANISM PARTS LIST 1／1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	82-ZM3-214-110		CHAS ASSY, P (DECK 1)
1	82-ZM1-299-010		CHAS ASSY, R (DECK 2)
2	82-ZM1-258-010		SPR-T, PINCH L
3	82-ZM1-248-110		LVR ASSY, PINCH L
4	82-ZM1-295-210		PLATE ASSY, LINK
5	82-ZM1-266-010		LVR, DIR
6	82-ZM1-214-010		SPR-T, DIR
7	82-ZM1-206-210		CHAS, HEAD
9	82-ZM1-269-010		SPR-T, BRG
10	82-ZM1-219-010		SPR-T, LINK
11	82-ZM1-210-010		GEAR, H T
12	82-ZM1-213-010		SPR-T, HEAD
13	82-ZM1-207-010		GUIDE, TAPE
14	82-ZM1-283-210		S-SCREW, AZIMUTH
15	82-ZM1-314-110		PLATE, HEAD
16	82-ZM1-208-010		HLDR, HEAD
17	82-ZM1-218-010		SPR-E, HB
18	82-ZM1-263-110		LVR, EJECT L (DECK 1)
18	82-ZM1-264-010		LVR, EJECT R (DECK 2)
19	82-ZM1-222-010		LVR, PLAY
20	82-ZM1-217-110		REEL TABLE
21	82-ZM1-244-110		SPR-C, BT
22	82-ZM1-285-110		SPR-C, BT L
23	82-ZM1-257-010		SPR-T, CAS
24	82-ZM1-241-110		LVR, MC
25	82-ZM1-242-010		LVR, CAS
26	82-ZM1-243-010		LVR, STOP
27	82-ZM1-253-110		LVR ASSY, PINCH R
28	82-ZM1-259-010		SPR-T, PINCH R
29	82-ZM1-240-110		LVR, REC (DECK 2)
30	82-ZM1-298-010		SPR-P, EARTH
31	82-ZM1-255-110		SPR-E, LVR DIR
32	82-ZM1-221-110		GEAR, CAM
33	82-ZM1-227-110		LVR, TRIG
34	82-ZM1-224-110		LVR, FR
35	82-ZM1-265-110		SPR-E, TRIG
37	82-ZM1-223-010		GEAR, PLAY
38	82-ZM1-322-019		SPR-T, FR60
39	82-ZM1-220-210		GEAR, IDLER
40	82-ZM1-316-010		RING MAGNET 3
41	82-ZM1-216-210		GEAR, REEL
43	82-ZM1-225-010		GEAR, FR
44	82-ZM1-226-010		GEAR, REW
45	82-ZM1-228-210		SLIP DISK ASSY
46	82-ZM1-328-010		BELT FR2
47	82-ZM1-238-610		FLY-WHL ASSY, R (DECK 2)
47	82-ZM3-210-510		FLY-WHL ASSY, R2 (DECK 1)
48	82-ZM1-235-310		FLY-WHL ASSY, L (DECK 2)
48	82-ZM3-208-410		FLY-WHL ASSY, L2 (DECK 1)
49	82-ZM3-206-010		BELT, R
50	82-ZM1-245-210		HLDR, IC
51	82-ZM3-215-010		HLDR, MC
52	82-ZM3-202-010		PULLEY, MOT 2M
53	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
54	80-ZM6-243-010		SH, 1.75-3.6-0.5 SLT
55	80-ZM6-230-010		SH, BELT
56	82-ZM1-308-110		CUSH-G DIA3.7-9-3.2
57	86-575-361-010		CUSH-G, 6-8-0.8
58	82-ZM3-205-010		BELT, L
59	82-ZM3-204-010		PULLEY, COUPLER (DECK 1)
60	87-045-347-010		MOT, SHU2L 70(M1)
61	87-046-355-010		HEAD, PH HADKH2529B(PH)
61	87-046-356-010		HEAD, RPH HADKH5581B(RPH)
62	82-ZM1-312-010		CAPSTAN N 2.2-41.7
63	82-ZM1-313-010		CAPSTAN N 2-41.5
A	82-ZM1-315-010		S-SCREW, GVIDE TAPE
B	80-ZM6-207-010		V+1.6-7
C	82-ZM1-309-010		S-SCRW, MOTOR
D	87-067-178-010		VTT+2.6-3
E	82-ZM1-597-019		PW, 2.15-6.8-0.4 SLT
F	87-067-972-010		PW, 1.05-3-0.25 SLT

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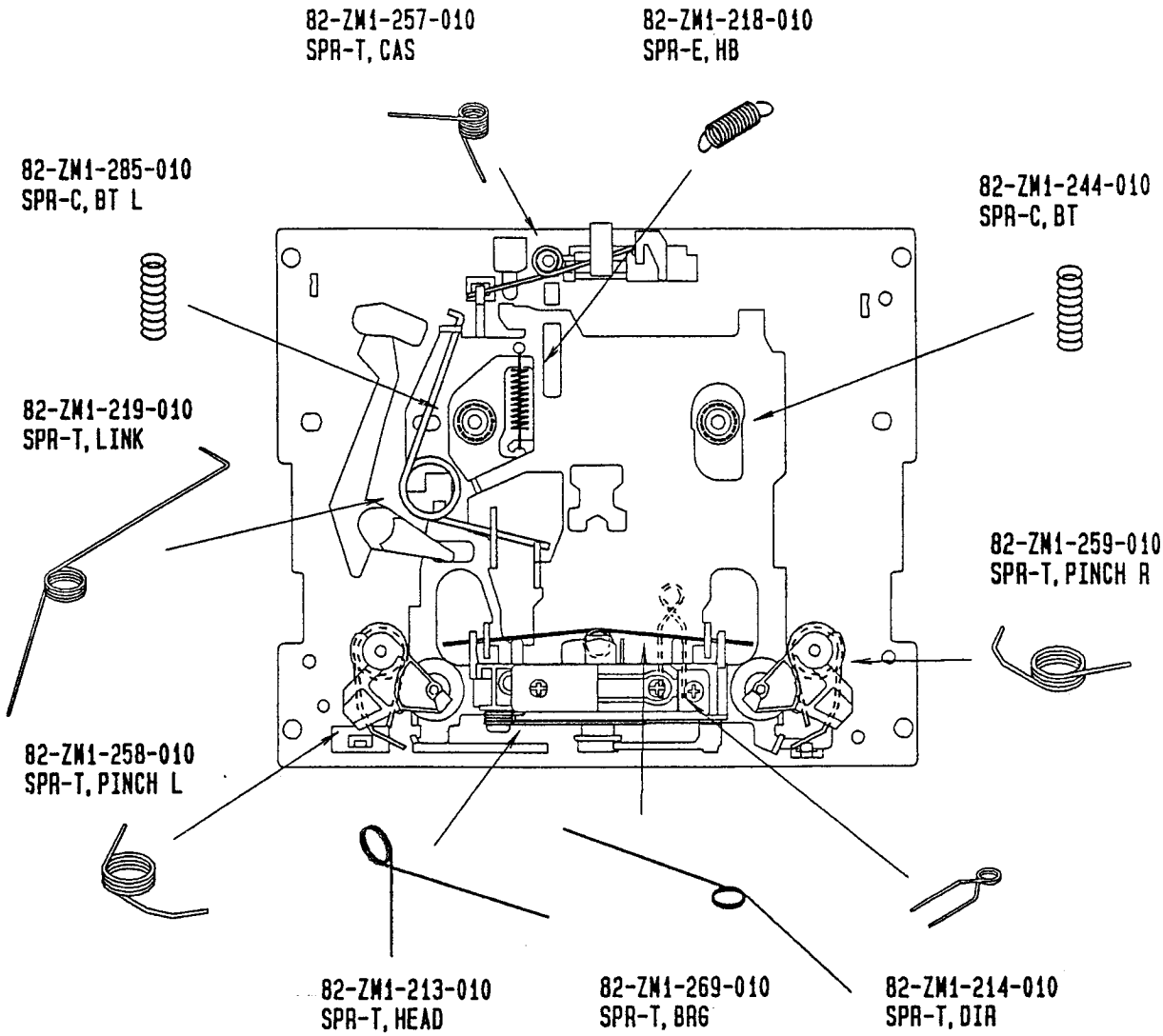
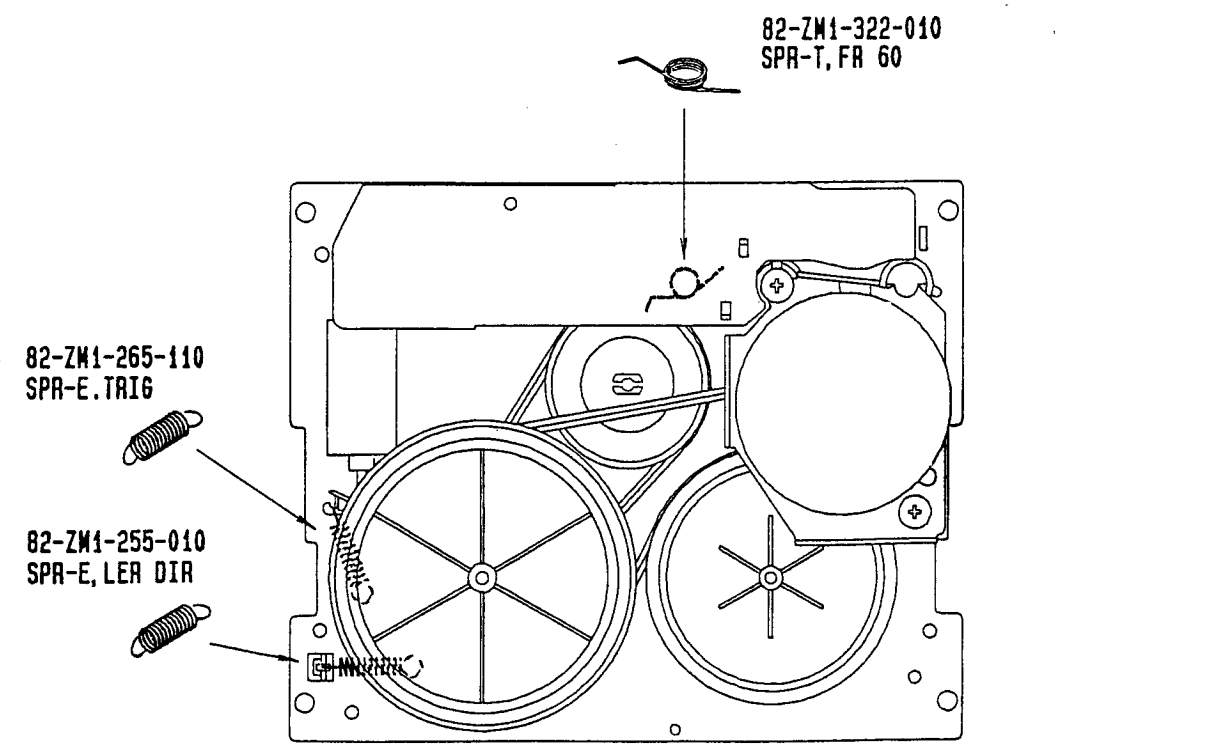
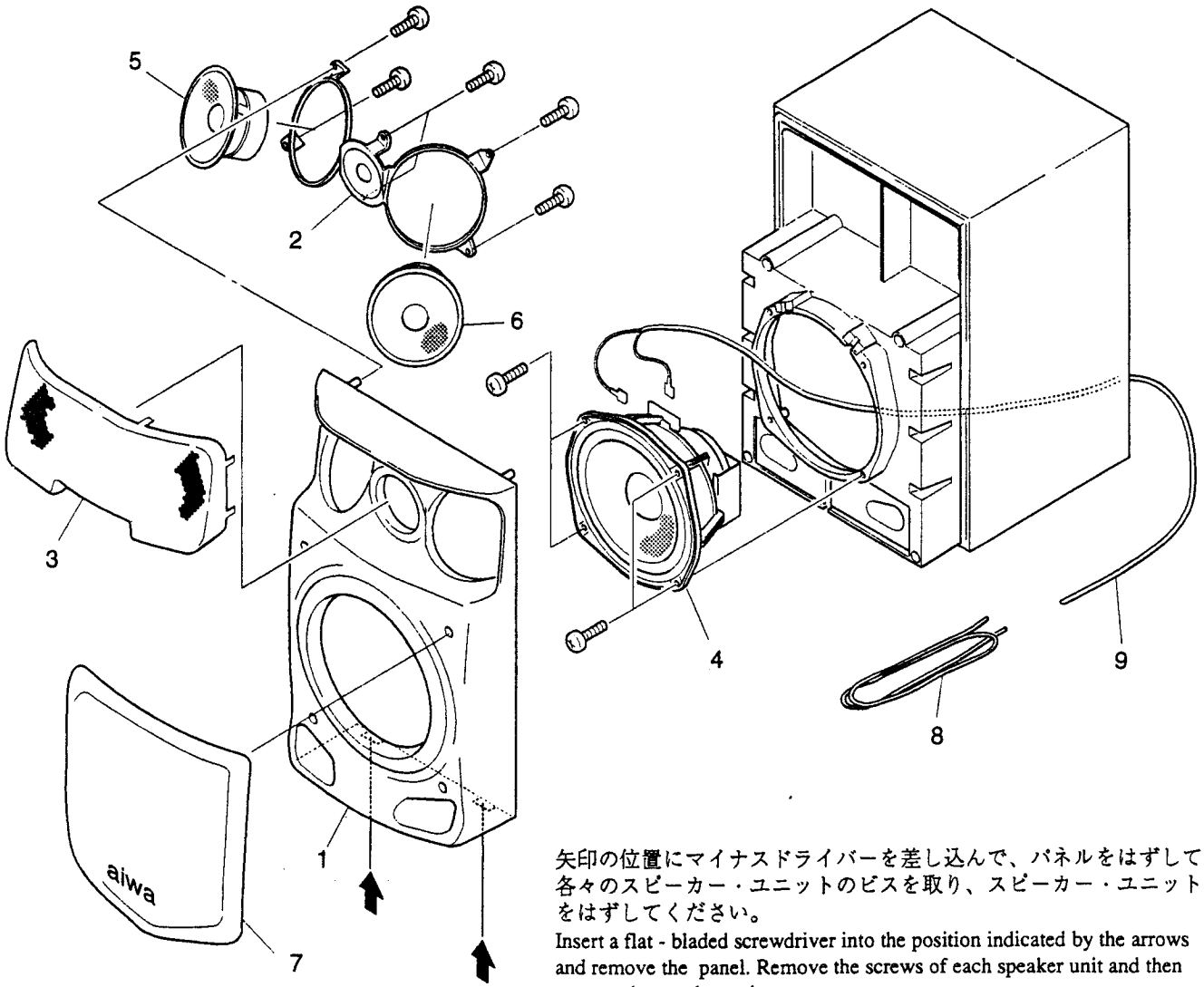
SPRING APPLICATION POSITION





SPEAKER EXPLODED VIEW 1／1



矢印の位置にマイナスドライバーを差し込んで、パネルをはずして、各々のスピーカー・ユニットのビスを取り、スピーカー・ユニットをはずしてください。

Insert a flat - bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.

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SPEAKER PARTS LIST 1／1

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If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	85-MS3-004-010		PANEL FR
2	85-MS3-005-010		ADAPTOR ASSY
3	85-MS3-007-010		SPEAKER GRILL
4	84-MS1-601-010		SPEAKER WOOFER
5	83-NS5-608-010		SPEAKER MID H
6	83-NS5-610-010		SPEAKER H
7	85-MS3-008-010		GRILL FRAME ASSY
8	85-MS3-610-010		SPEAKER CORD ASSY Y/B
9	84-MS3-611-010		SPEAKER CORD ASSY

■ ACCESSORIES／PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	85-MA3-903-019		IB,E(EGI)-M<EE,EEZ>
2	85-MA3-902-019		IB,E(ESF)-M<EE,K,EEZ>
3	85-MA3-901-019		IB,ESC(M)<HR>
4	87-006-225-019		AM LOOP ANT NC2
5	87-043-115-01B		ANT,FEEDER FM<HR>
6	87-043-106-019		FM,WIRE ANT (Z)<EE,K,EEZ>
7	87-099-789-019		PLUG,ADPTR IR44<HR>
8	85-NF5-631-019		RC-T501

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